LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.945	718	724	740	rVB	161974	264984	3.19%	0.251%
2	7.110	746	752	762	rBV	131321	206552	2.49%	0.196%
3	7.310	780	786	796	rBV	160822	259476	3.12%	0.246%
4	7.775	854	865	876	rBV	334761	549145	6.61%	0.520%
5	8.480	979	985	993	rBV	203095	337370	4.06%	0.320%
6	8.933	1055	1062	1070	rBV	152550	258494	3.11%	0.245%
7	9.651	1178	1184	1196	rBV	129536	212126	2.55%	0.201%
8	10.186	1269	1275	1292	rBV	212265	366572	4.41%	0.347%
9	10.563	1332	1339	1344	rBV	551665	949965	11.44%	0.900%
10	10.610	1344	1347	1355	rVV	197510	314226	3.78%	0.298%
11	10.704	1357	1363	1379	rBV	126703	241800	2.91%	0.229%
12	13.821	1889	1893	1898	rVV	450767	623358	7.51%	0.590%
13	14.110	1935	1942	1945	rBV	496954	834545	10.05%	0.790%
14	14.133	1945	1946	1957	rVB	299146	347588	4.18%	0.329%
15	14.415	1984	1994	2000	rBV2	895250	1426068	17.17%	1.351%
16	14.480	2000	2005	2013	rVB	250289	376542	4.53%	0.357%
17	14.627	2024	2030	2040	rBV2	144179	262964	3.17%	0.249%
18	14.815	2056	2062	2069	rBV	348564	506123	6.09%	0.479%
19	15.409	2154	2163	2168	rBV	699055	1013625	12.20%	0.960%
20	15.462	2168	2172	2181	rVB	499057	782535	9.42%	0.741%
21	15.545	2181	2186	2191	rBV2	186232	315134	3.79%	0.298%
22	15.762	2218	2223	2229	rVB	175915	263966	3.18%	0.250%
23	15.904	2238	2247	2256	rVV	198861	424959	5.12%	0.402%
24	16.468	2332	2343	2348	rBV3	149806	343468	4.14%	0.325%
25	16.698	2374	2382	2386	rBV3	115739	222503	2.68%	0.211%
26	16.821	2399	2403	2410	rVB2	148415	221148	2.66%	0.209%
27	16.986	2426	2431	2441	rVB	295940	479414	5.77%	0.454%
28	17.168	2456	2462	2465	rBV	1150833	1801863	21.69%	1.706%
29	17.215	2465	2470	2475	rVV	3857731	6284697	75.67%	5.952%
30	17.268	2475	2479	2481	rVV2	829603	1207716	14.54%	1.144%
31	17.298	2481	2484	2490	rVV	1316567	1905815	22.95%	1.805%
32	17.545	2519	2526	2527	rBV2	196263	261450	3.15%	0.248%
33	17.568	2527	2530	2542	rVV	392884	717924	8.64%	0.680%
34	17.686	2546	2550	2556	rVV2	144611	230526	2.78%	0.218%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Title : SVOA CALIBRATION

35	18.039	2601	2610	2614	rBV	620350	1002900	12.07%	0.950%
36	18.086	2614	2618	2624	rVB	840042	1260805	15.18%	1.194%
37	18.168	2626	2632	2637	rBV	384715	559703	6.74%	0.530%
38	18.239	2637	2644	2648	rVV3	995680	1863400	22.43%	1.765%
39	18.274	2648	2650	2657	rVB	426332	501299	6.04%	0.475%
40	18.545	2691	2696	2700	rVV	532636	763693	9.19%	0.723%
41	18.592	2700	2704	2709	rVV	288477	394881	4.75%	0.374%
42	18.792	2730	2738	2742	rBV3	160084	259075	3.12%	0.245%
43	18.962	2757	2767	2773	rBV	322860	750454	9.04%	0.711%
44	19.027	2774	2778	2781	rVV2	227570	404898	4.87%	0.383%
45	19.109	2787	2792	2800	rVB3	274736	540720	6.51%	0.512%
46	19.239	2806	2814	2819	rBV	4789847	8305895	100.00%	7.866%
47	19.327	2826	2829	2834	rVB	192471	258145	3.11%	0.244%
48	19.380	2834	2838	2842	rBV	215060	269694	3.25%	0.255%
49	19.474	2849	2854	2858	rVB2	259125	383959	4.62%	0.364%
50	19.568	2864	2870	2872	rBV3	1970738	3153578	37.97%	2.987%
51	19.603	2872	2876	2882	rVV	4393881	7296915	87.85%	6.911%
52	19.662	2882	2886	2893	rVB2	366899	599682	7.22%	0.568%
53	19.774	2893	2905	2911	rBV	490281	851201	10.25%	0.806%
54	19.839	2911	2916	2923	rVB	373392	556597	6.70%	0.527%
55	19.915	2923	2929	2936	rBV2	436556	1104977	13.30%	1.046%
56	20.056	2947	2953	2954	rBV3	333473	517855	6.23%	0.490%
57	20.091	2955	2959	2963	rVB2	789974	1157096	13.93%	1.096%
58	20.191	2971	2976	2979	rBV	526970	676449	8.14%	0.641%
59	20.250	2979	2986	2990	rVV2	553810	1013523	12.20%	0.960%
60	20.391	3005	3010	3013	rBV	336279	453858	5.46%	0.430%
61	20.433	3013	3017	3021	rVV2	335890	453899	5.46%	0.430%
62	20.680	3056	3059	3062	rVV4	145423	239674	2.89%	0.227%
63	20.715	3062	3065	3069	rVV3	127361	233413	2.81%	0.221%
64	20.838	3082	3086	3093	rVB	470726	695472	8.37%	0.659%
65	21.003	3107	3114	3118	rBV2	470326	900411	10.84%	0.853%
66	21.044	3118	3121	3125	rVV	670920	1021221	12.30%	0.967%
67	21.086	3125	3128	3133	rVV2	630588	1088213	13.10%	1.031%
68	21.138	3133	3137	3147	rVB2	534942	918942	11.06%	0.870%
69	21.244	3148	3155	3164	rBV2	179381	595482	7.17%	0.564%
70	21.356	3164	3174	3179	rVV3	3250992	7366062	88.68%	6.976%
71	21.403	3179	3182	3191	rVV	2940758	4003514	48.20%	3.792%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Title : SVOA CALIBRATION

72	21.521	3197	3202	3207	rVV	620620	898454	10.82%	0.851%
73	21.574	3207	3211	3214	rVV3	162238	273168	3.29%	0.259%
74	21.627	3218	3220	3224	rVV	213776	245559	2.96%	0.233%
75	21.680	3224	3229	3233	rVV3	394009	651578	7.84%	0.617%
76	21.727	3233	3237	3241	rVB3	153709	220784	2.66%	0.209%
77	21.915	3263	3269	3274	rVV	517734	873213	10.51%	0.827%
78	21.968	3275	3278	3284	rVB	297490	417089	5.02%	0.395%
79	22.038	3285	3290	3293	rBV2	181802	266238	3.21%	0.252%
80	22.121	3300	3304	3306	rBV	250326	349905	4.21%	0.331%
81	22.215	3315	3320	3325	rBV3	227613	372798	4.49%	0.353%
82	22.409	3349	3353	3359	rBV6	145753	332622	4.00%	0.315%
83	22.703	3396	3403	3409	rBV2	219814	508606	6.12%	0.482%
84	22.962	3438	3447	3452	rBV	1952975	5062927	60.96%	4.795%
85	23.132	3470	3476	3481	rVB	426461	710763	8.56%	0.673%
86	23.268	3494	3499	3507	rBV3	147728	444667	5.35%	0.421%
87	23.450	3523	3530	3535	rBV	1122387	2379182	28.64%	2.253%
88	23.497	3535	3538	3542	rVV2	559025	1039151	12.51%	0.984%
89	23.550	3542	3547	3554	rVB	1896998	3541467	42.64%	3.354%
90	23.644	3556	3563	3567	rVV	926860	1834258	22.08%	1.737%
91	23.691	3567	3571	3579	rVB	635482	1257268	15.14%	1.191%
92	24.526	3707	3713	3726	rVB4	126367	366940	4.42%	0.348%
93	24.909	3773	3778	3790	rVB7	62974	208707	2.51%	0.198%
94	25.626	3890	3900	3906	rBV2	97390	319496	3.85%	0.303%
95	25.691	3907	3911	3919	rVB2	100534	235838	2.84%	0.223%
96	25.944	3944	3954	3964	rVB	816221	2419990	29.14%	2.292%
97	26.203	3991	3998	4005	rBV	145832	382871	4.61%	0.363%
98	26.291	4007	4013	4031	rVV4	95485	370637	4.46%	0.351%
99	26.650	4063	4074	4092	rVB	547787	1847245	22.24%	1.749%
100	27.020	4129	4137	4150	rVB	149636	526200	6.34%	0.498%

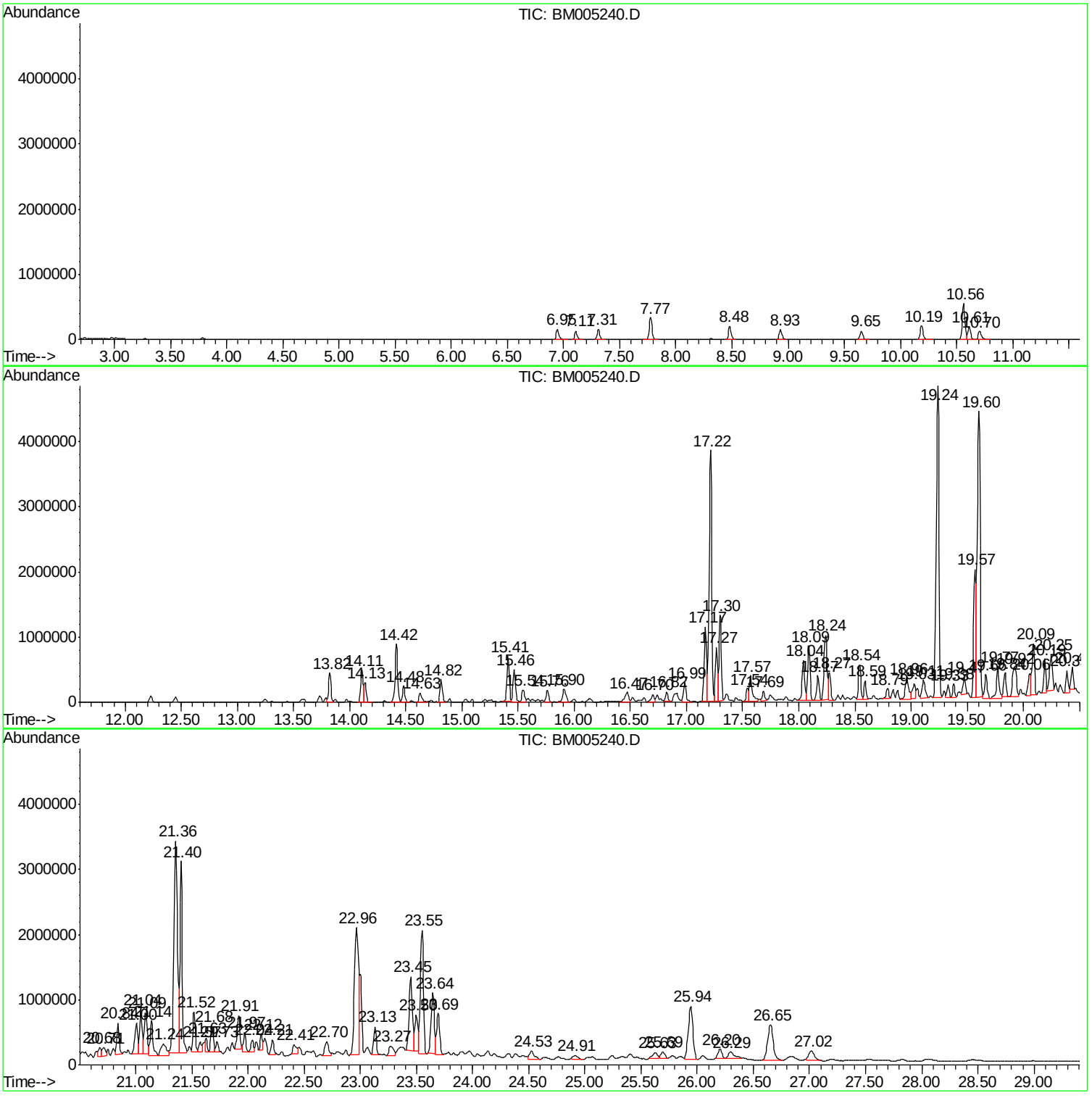
Sum of corrected areas: 105589817

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

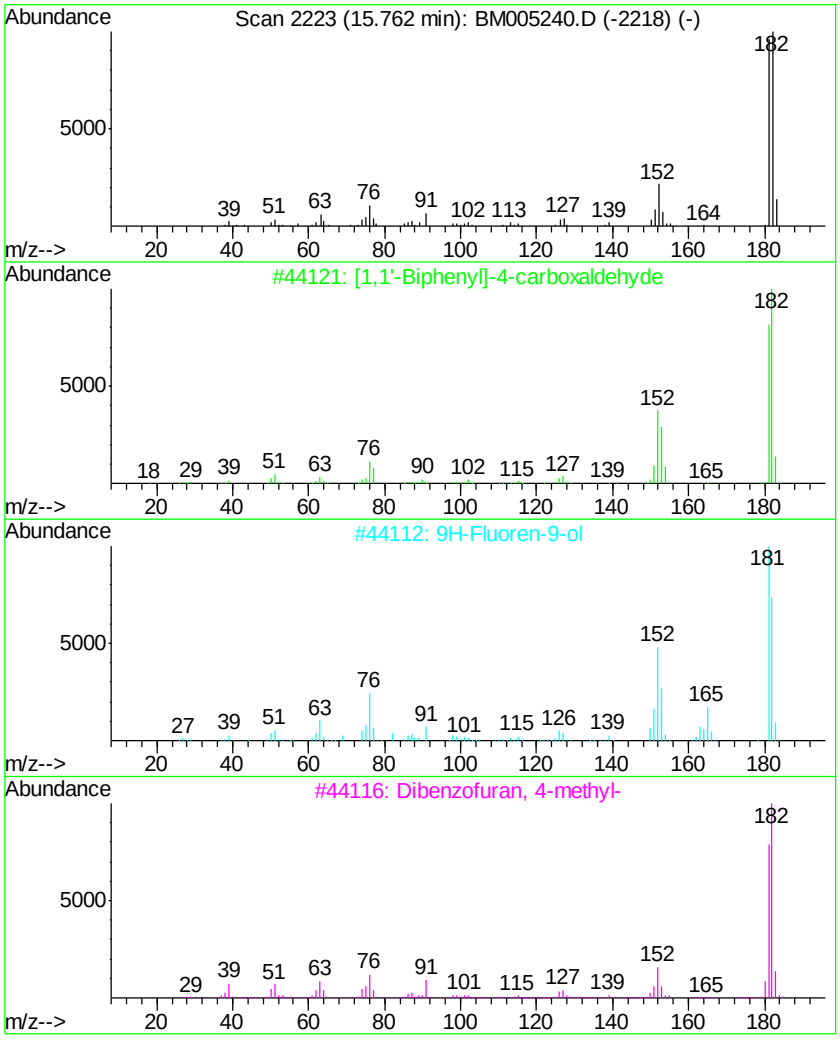
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

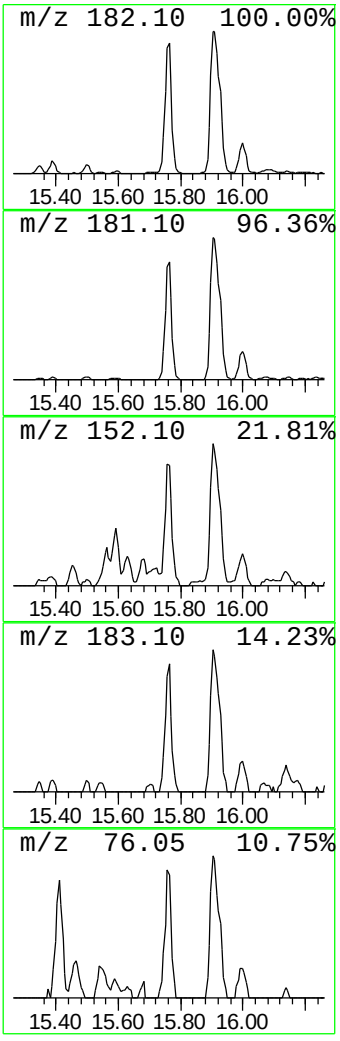
****

Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.70 ng/ul	263966	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

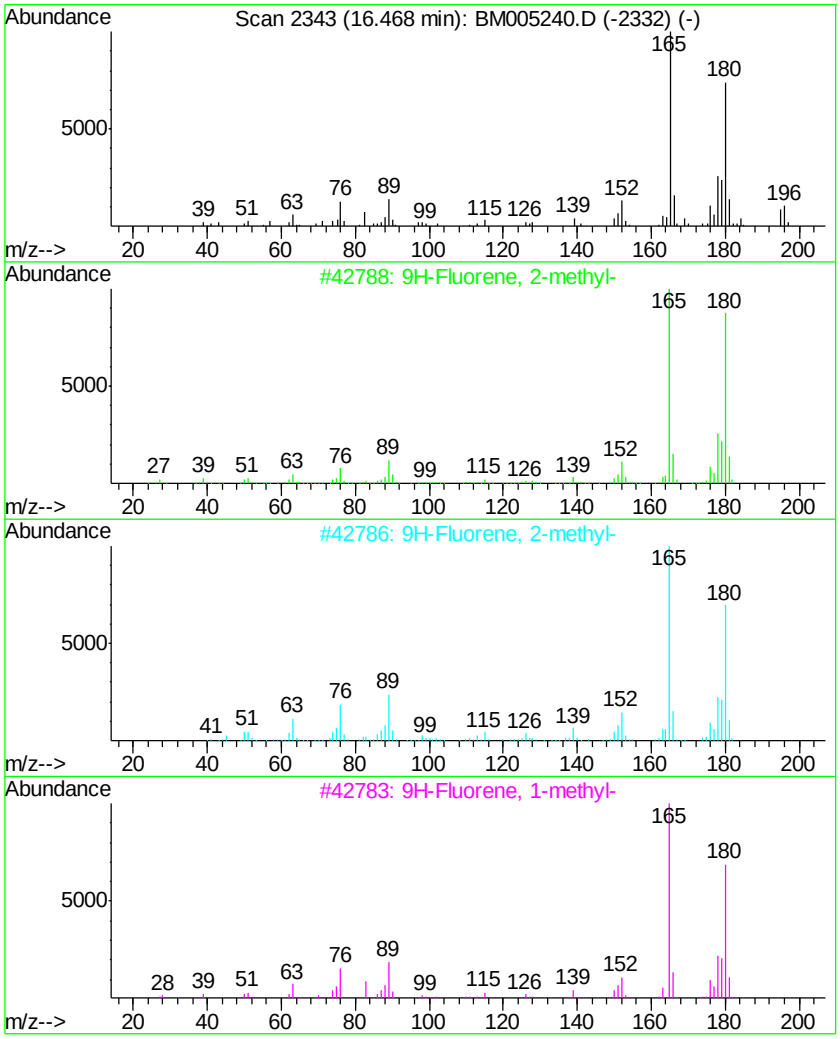
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

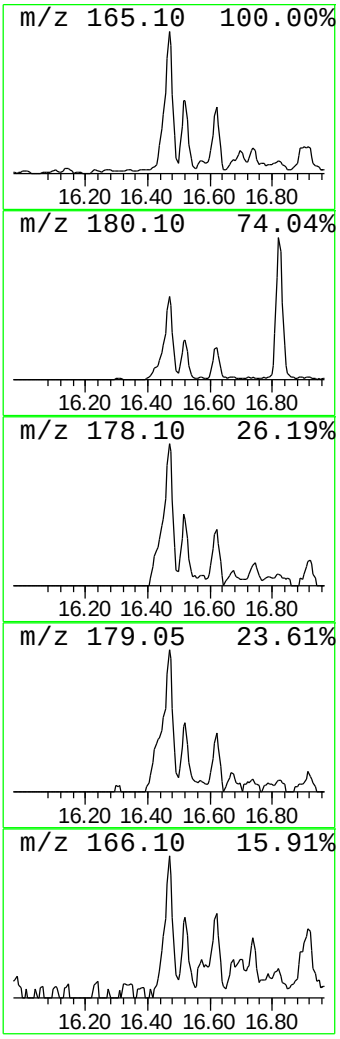
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.81 ng/ul	343468	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	98
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

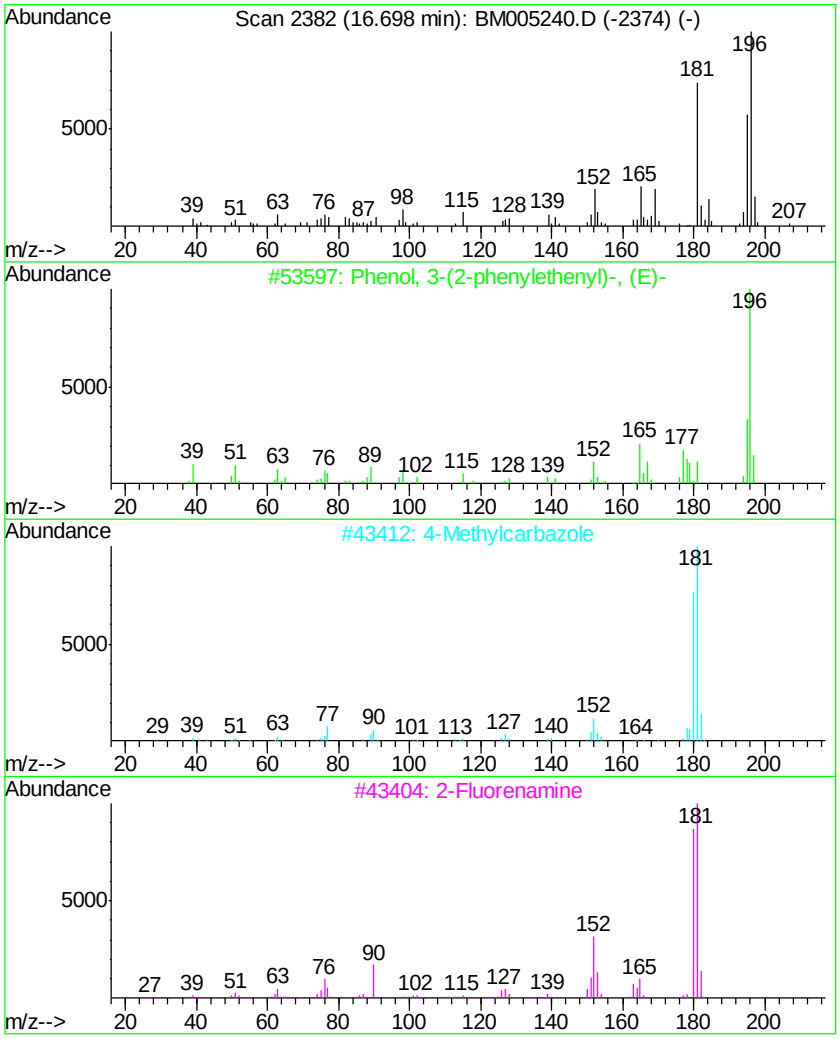
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

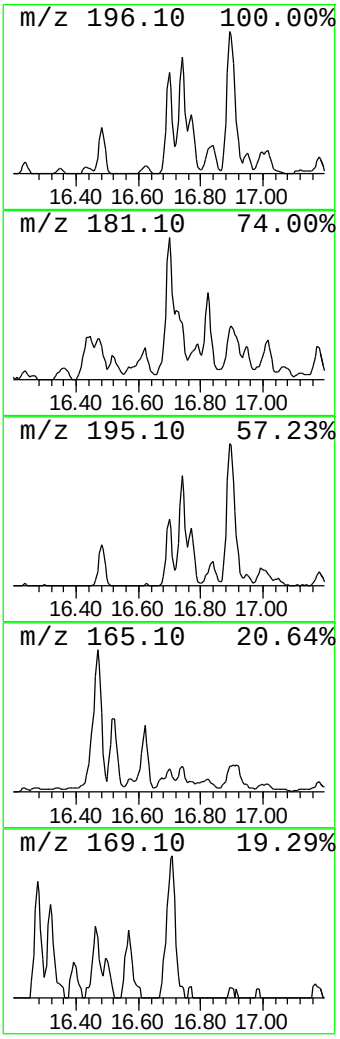
****

Peak Number 4 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.47 ng/ul	222503	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43
2	4-Methylcarbazole	181	C13H11N	003770-48-7	38
3	2-Fluorenamine	181	C13H11N	000153-78-6	38
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	38
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

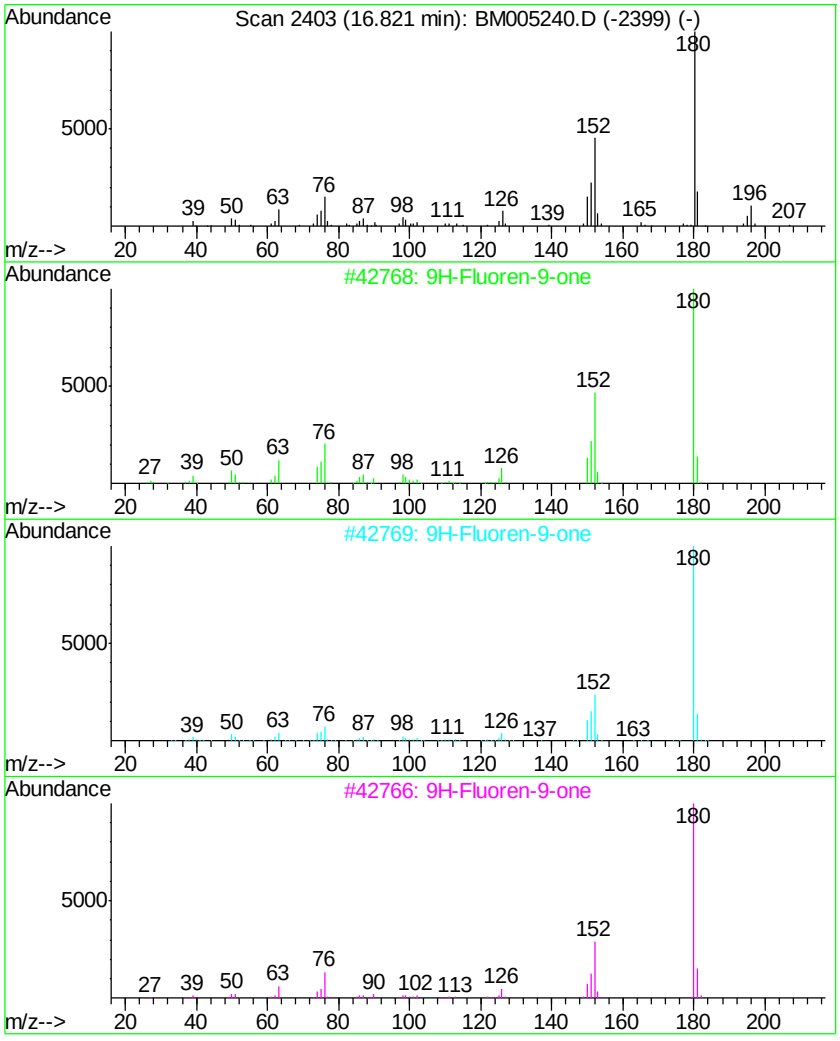
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

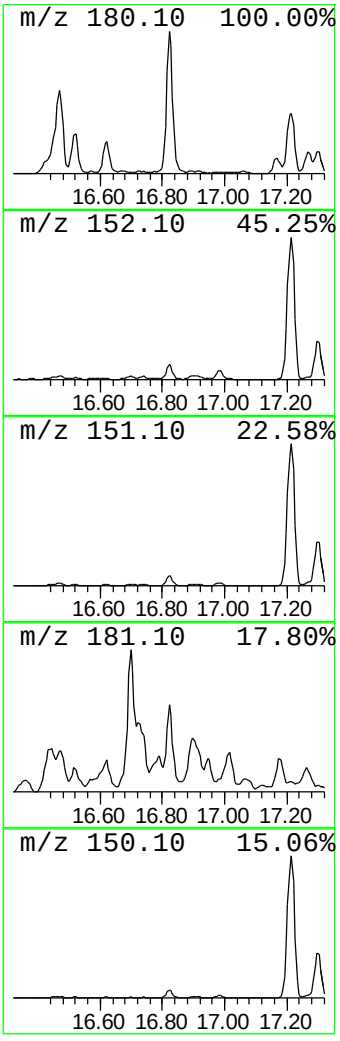
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.45 ng/ul	221148	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

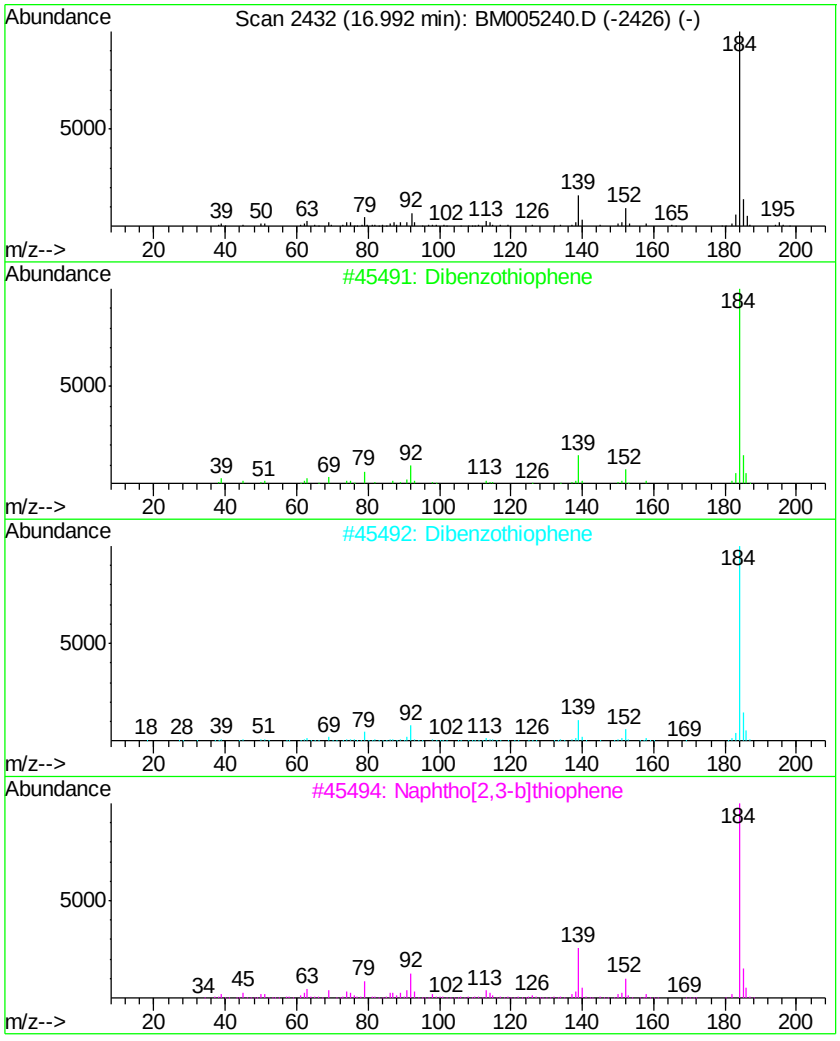
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

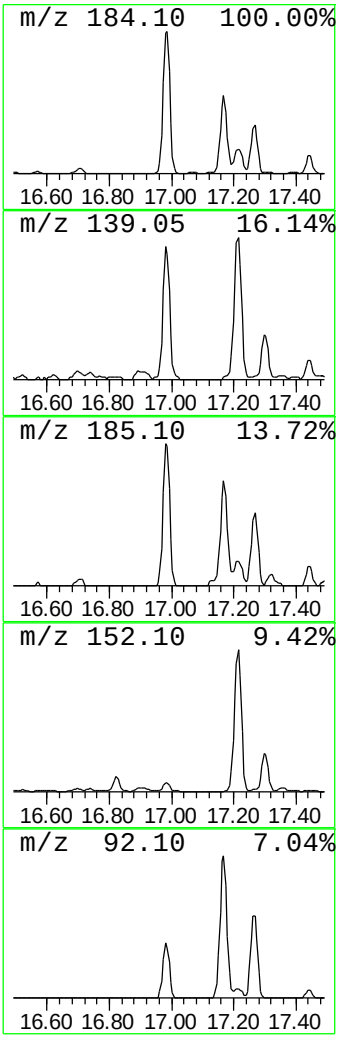
****

Peak Number 6 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	5.32 ng/ul	479414	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

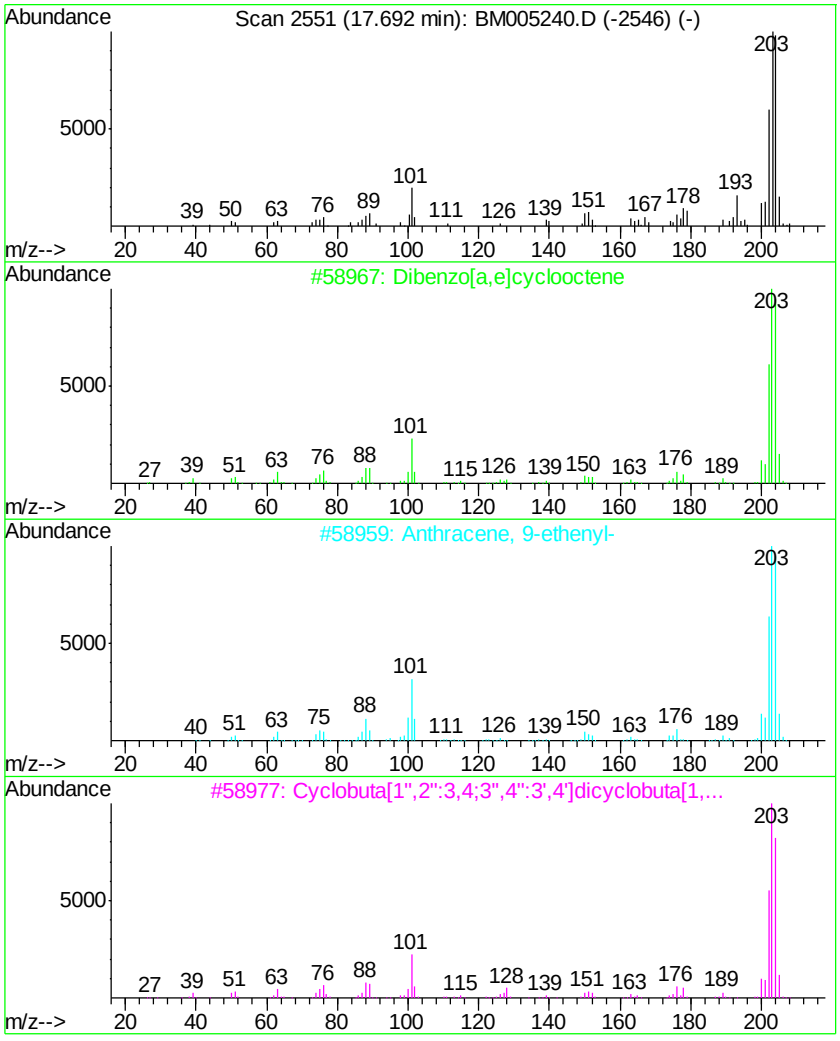
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

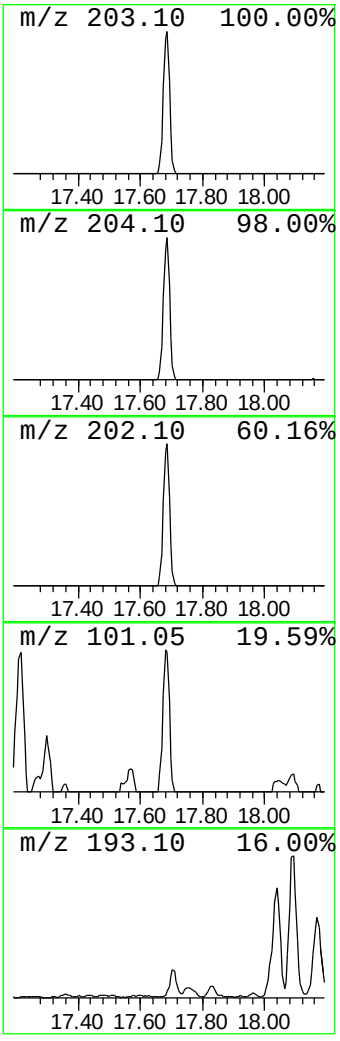
****

Peak Number 7 Dibenzo[a,e]cyclooctene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.56 ng/ul	230526	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
3	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	93
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

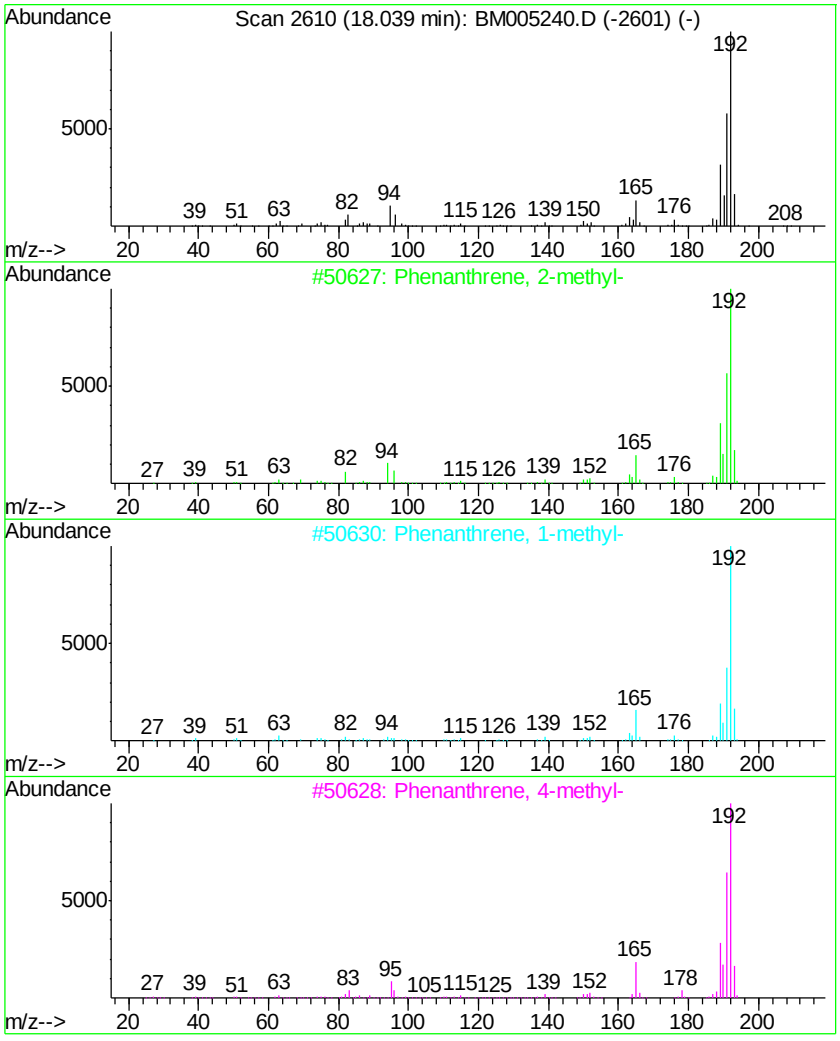
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

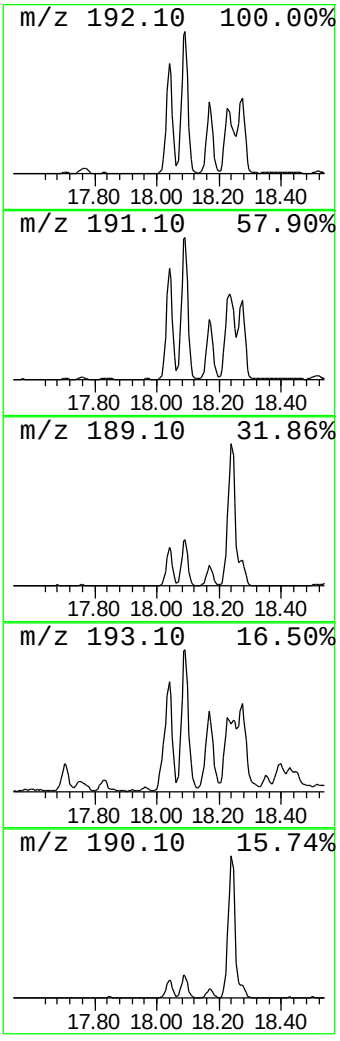
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	11.13 ng/ul	1002900	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

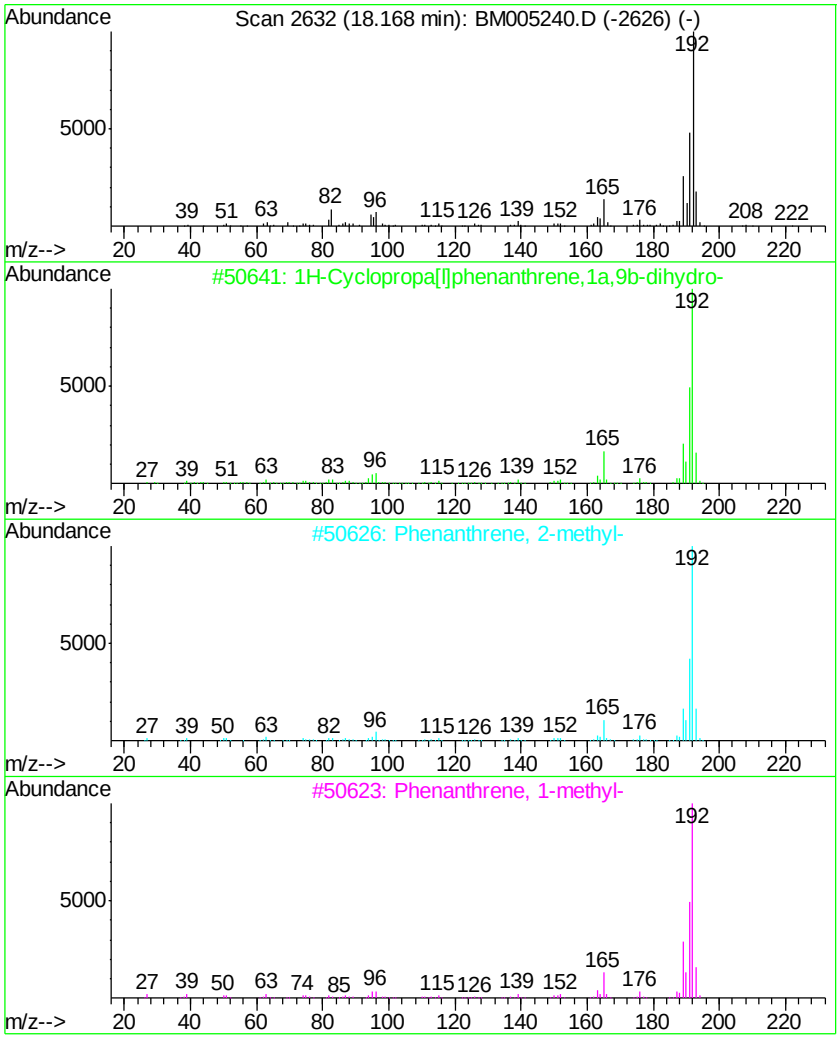
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

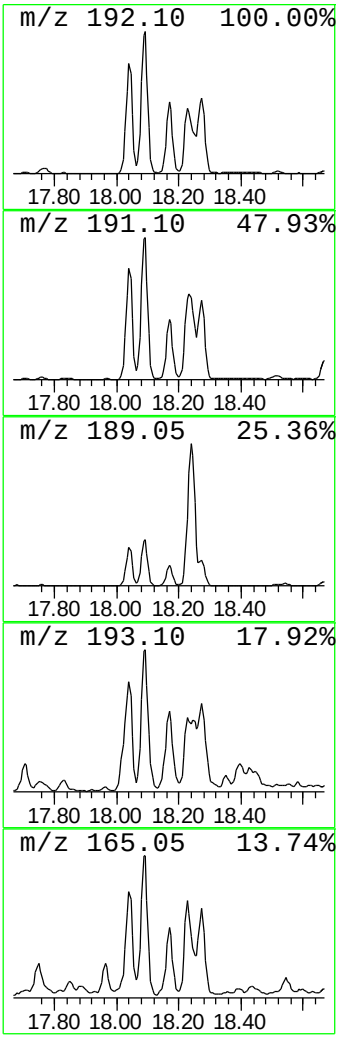
****

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	6.21 ng/ul	559703	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

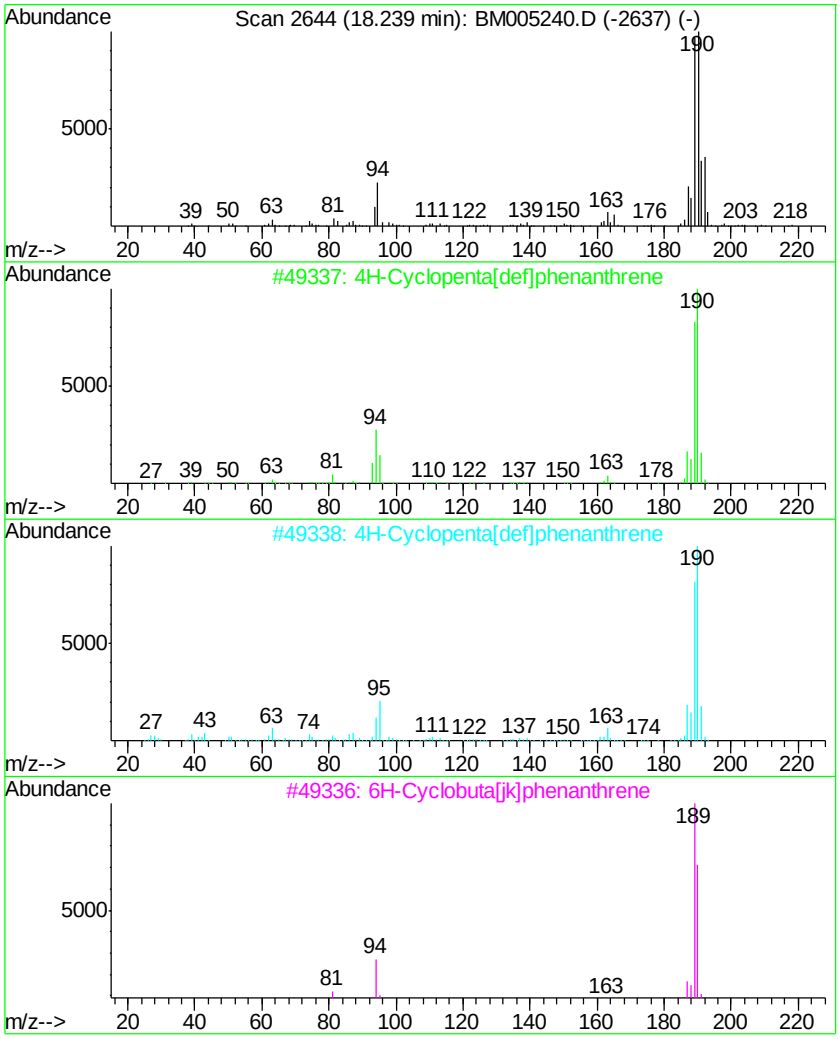
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

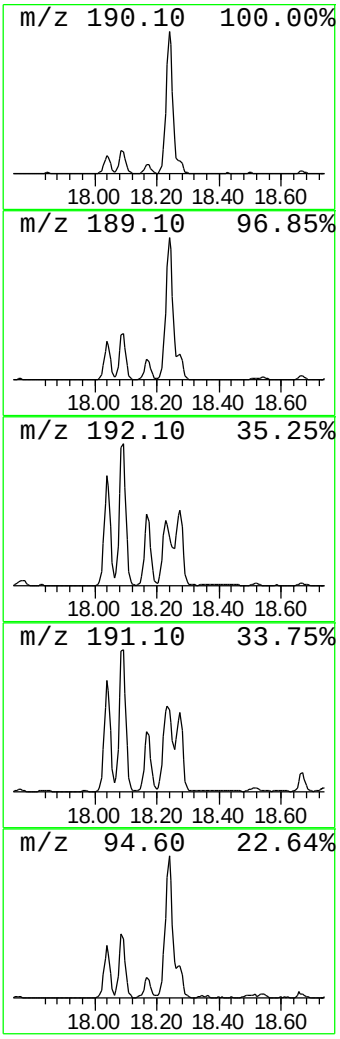
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	20.68 ng/ul	1863400	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

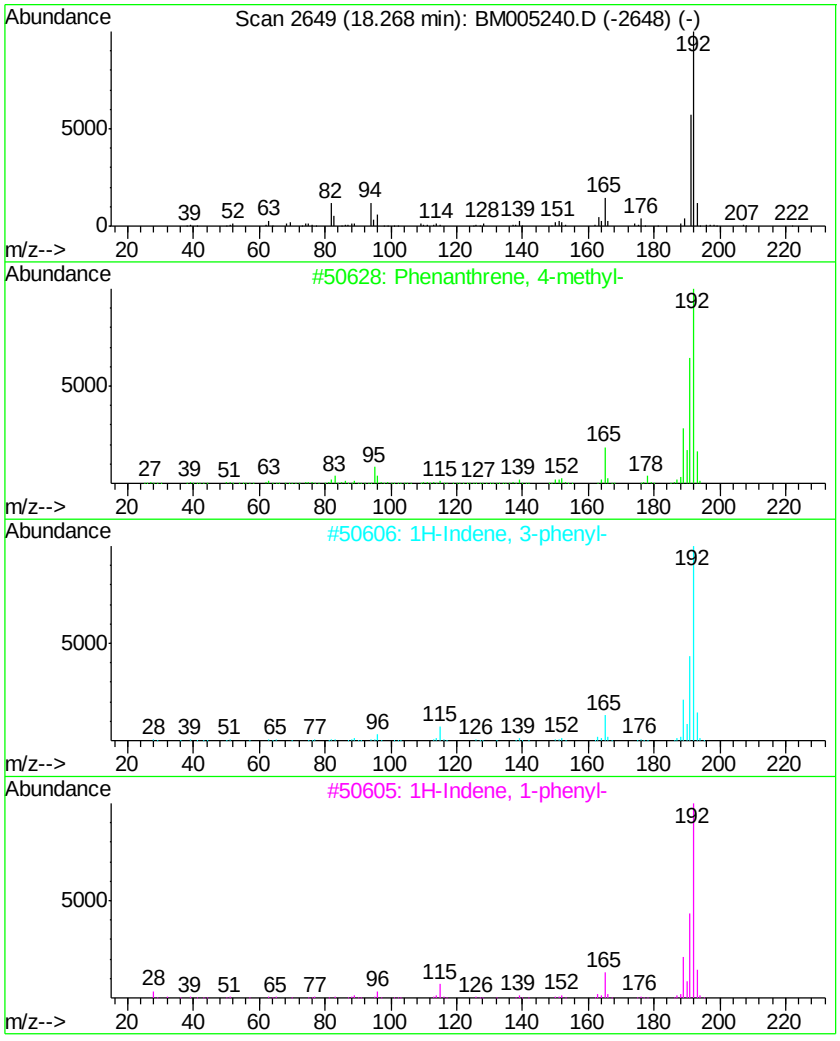
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

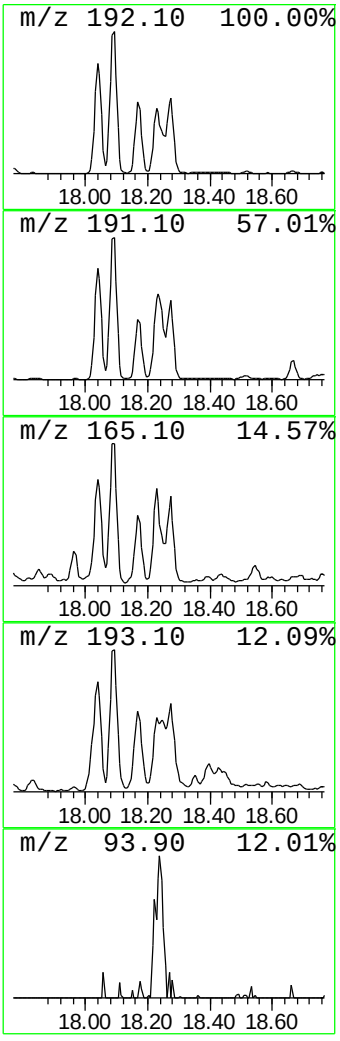
****

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.56 ng/ul	501299	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

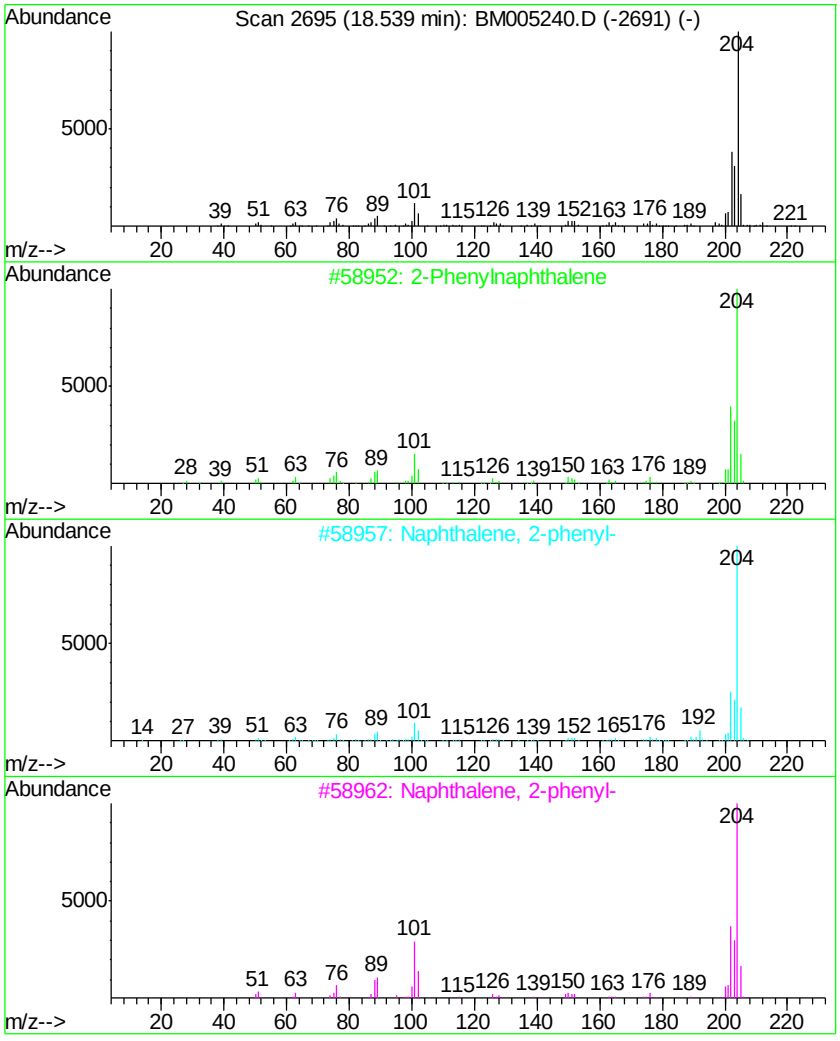
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

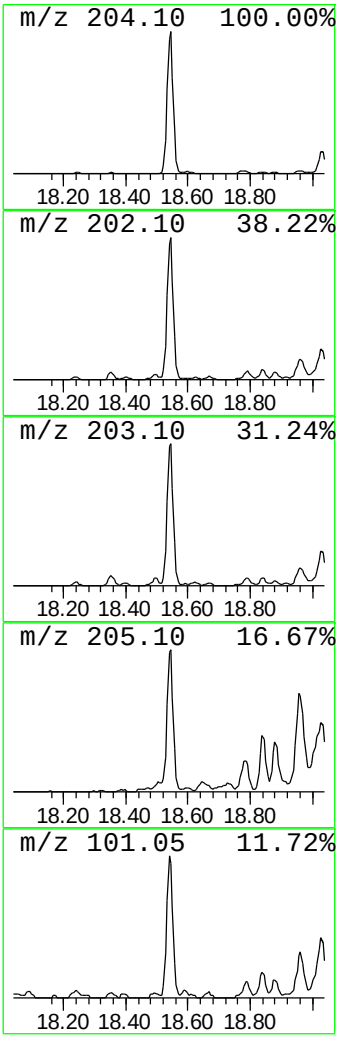
****

Peak Number 13 2-Phenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	8.48 ng/ul	763693	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

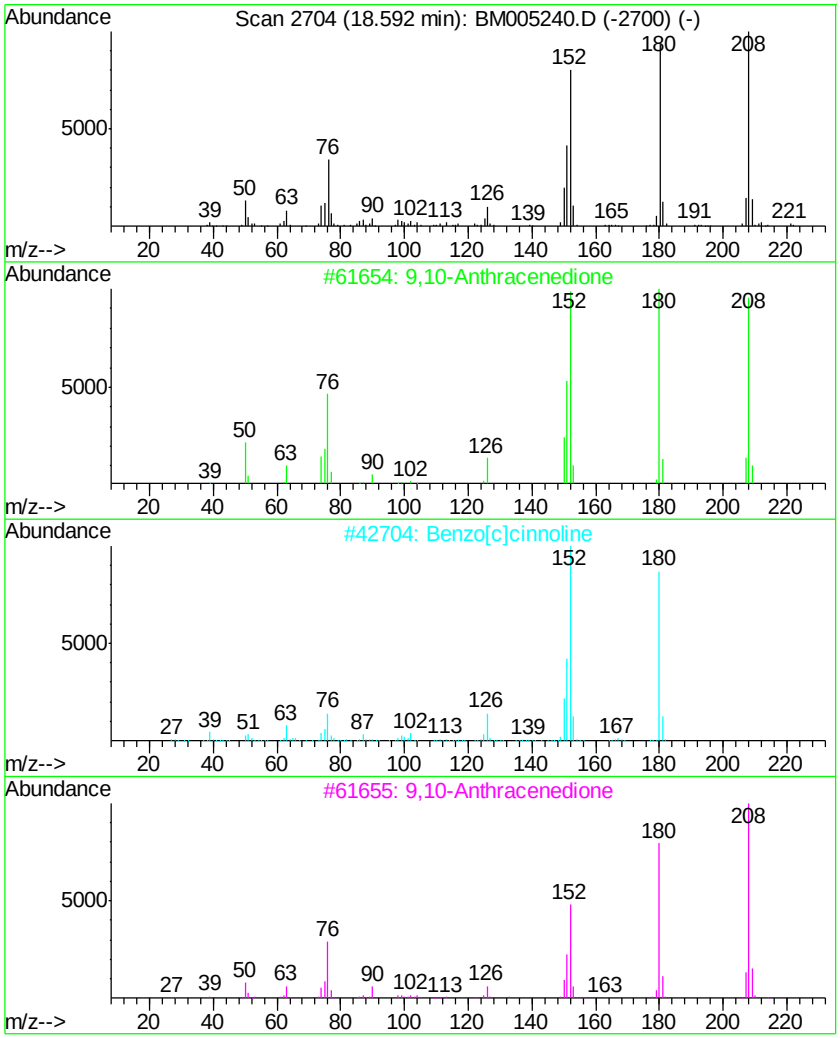
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

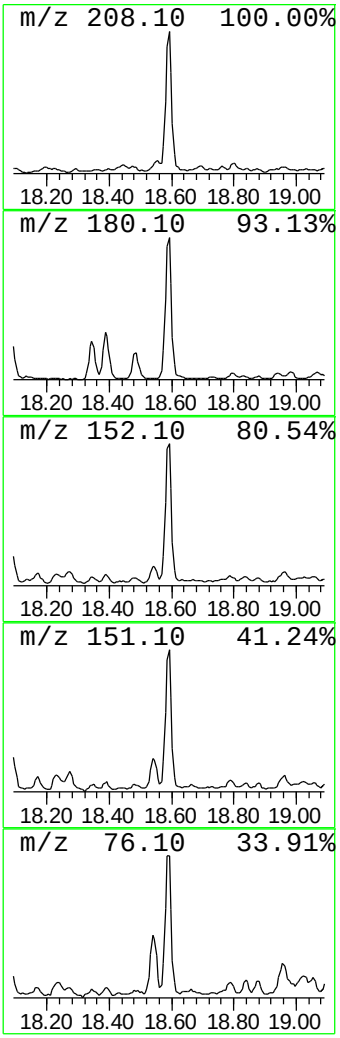
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	4.38 ng/ul	394881	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

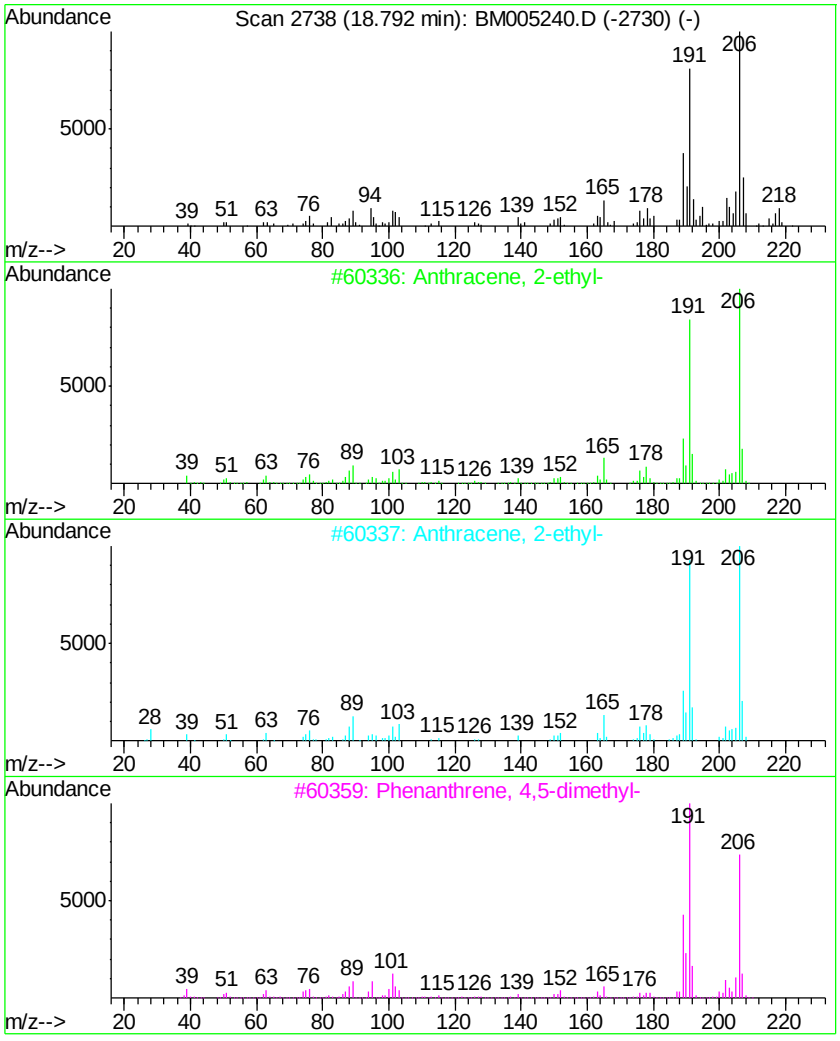
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

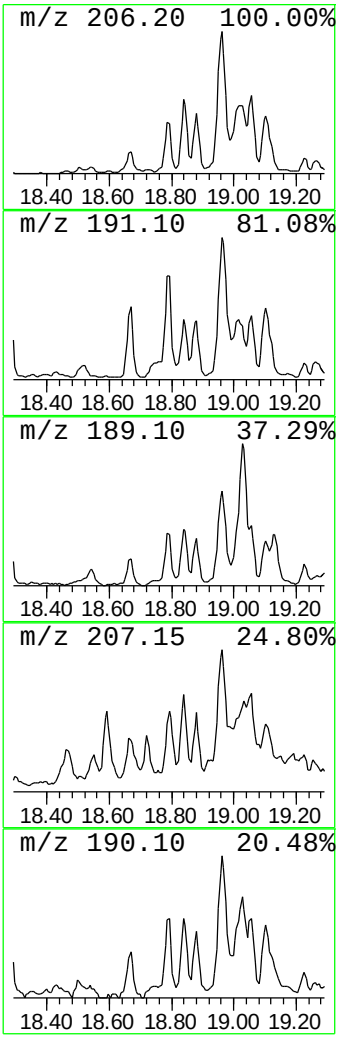
****

Peak Number 15 Anthracene, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.88 ng/ul	259075	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

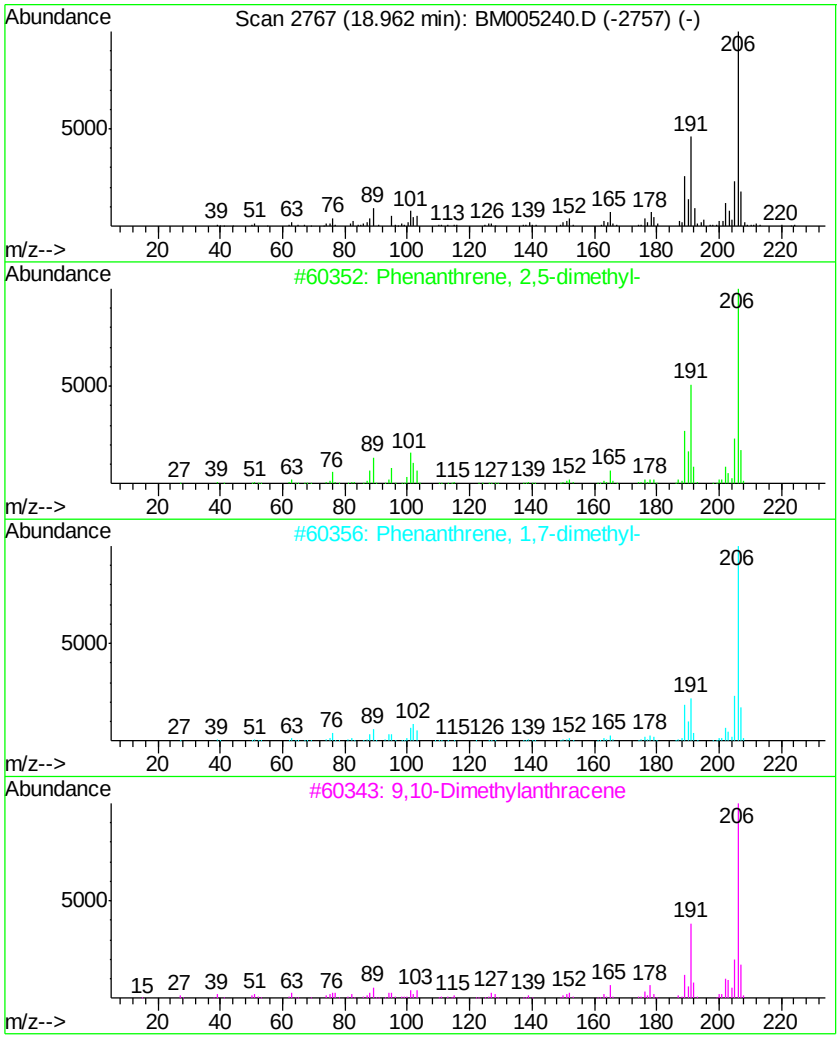
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

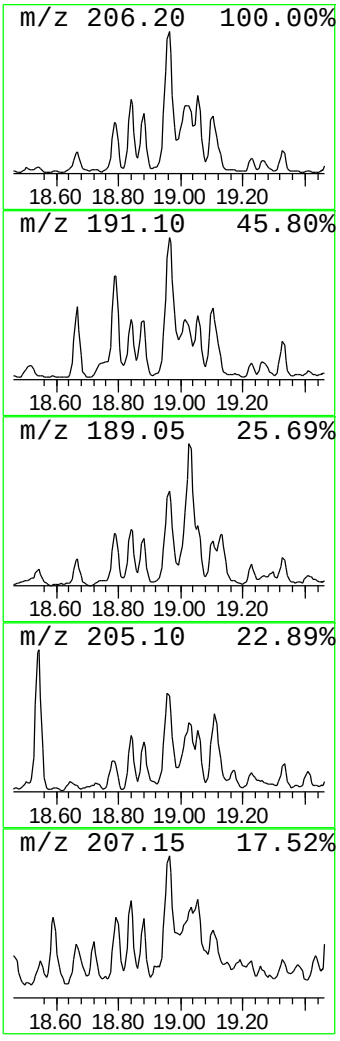
****

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	8.33 ng/ul	750454	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

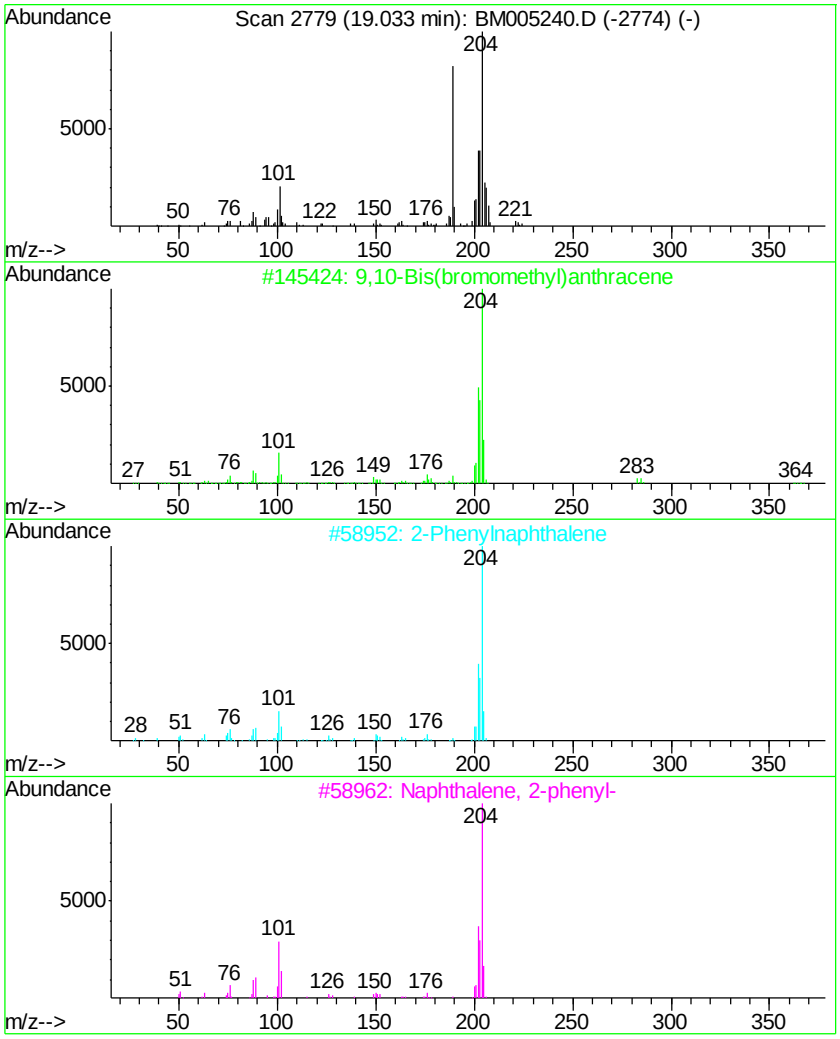
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

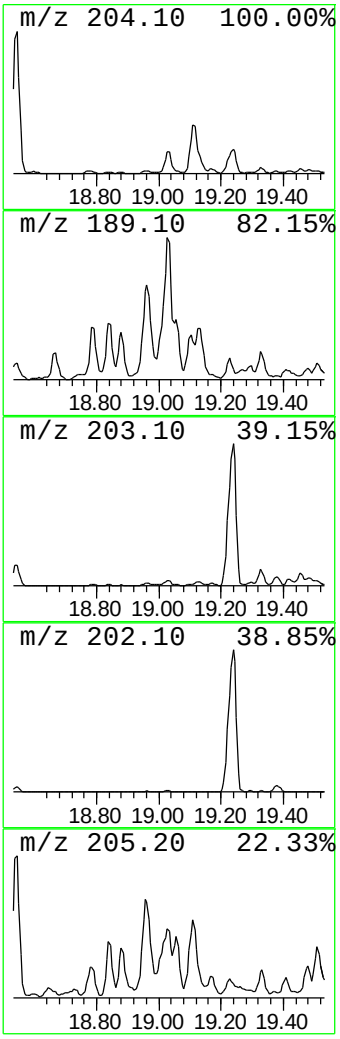
****

Peak Number 17 9,10-Bis(bromomethyl)anthra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	4.49 ng/ul	404898	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	45
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

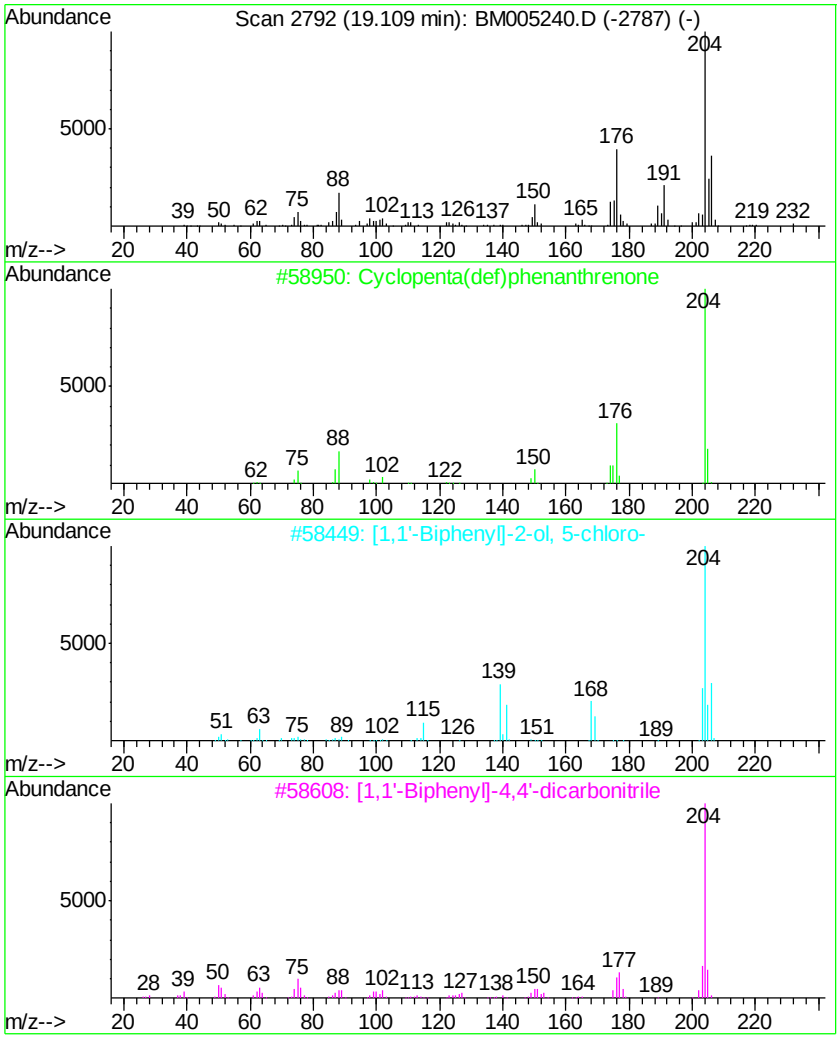
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

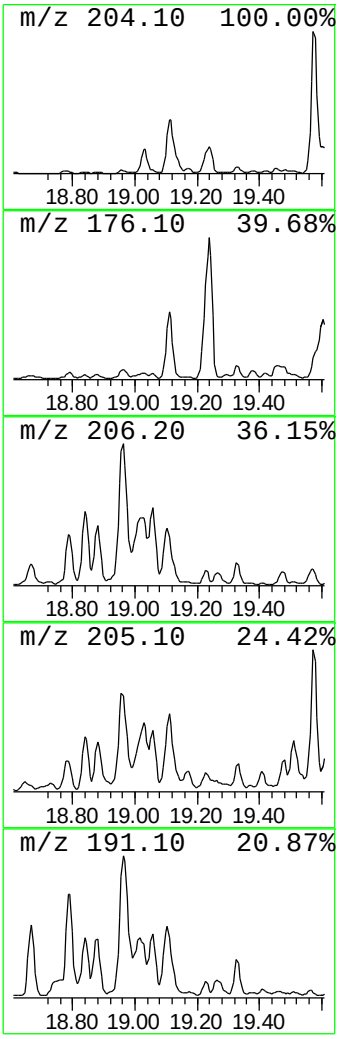
****

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	6.00 ng/ul	540720	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

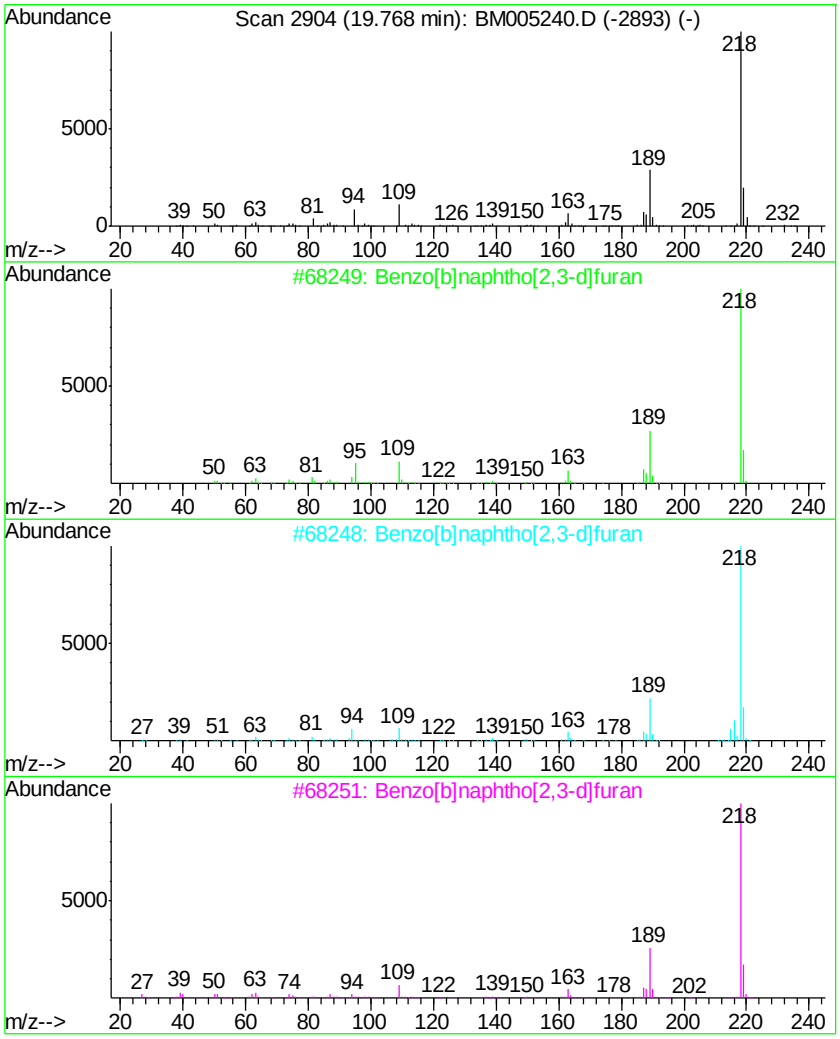
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

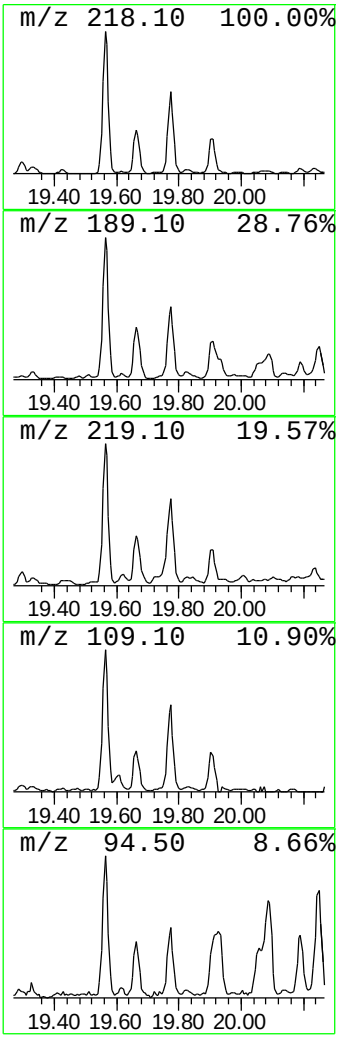
****

Peak Number 19 Benzo[b]naphtho[2,3-d]furan Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.31 ng/ul	851201	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	97
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[kl]xanthene	218	C16H10O	000200-23-7	91
5	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

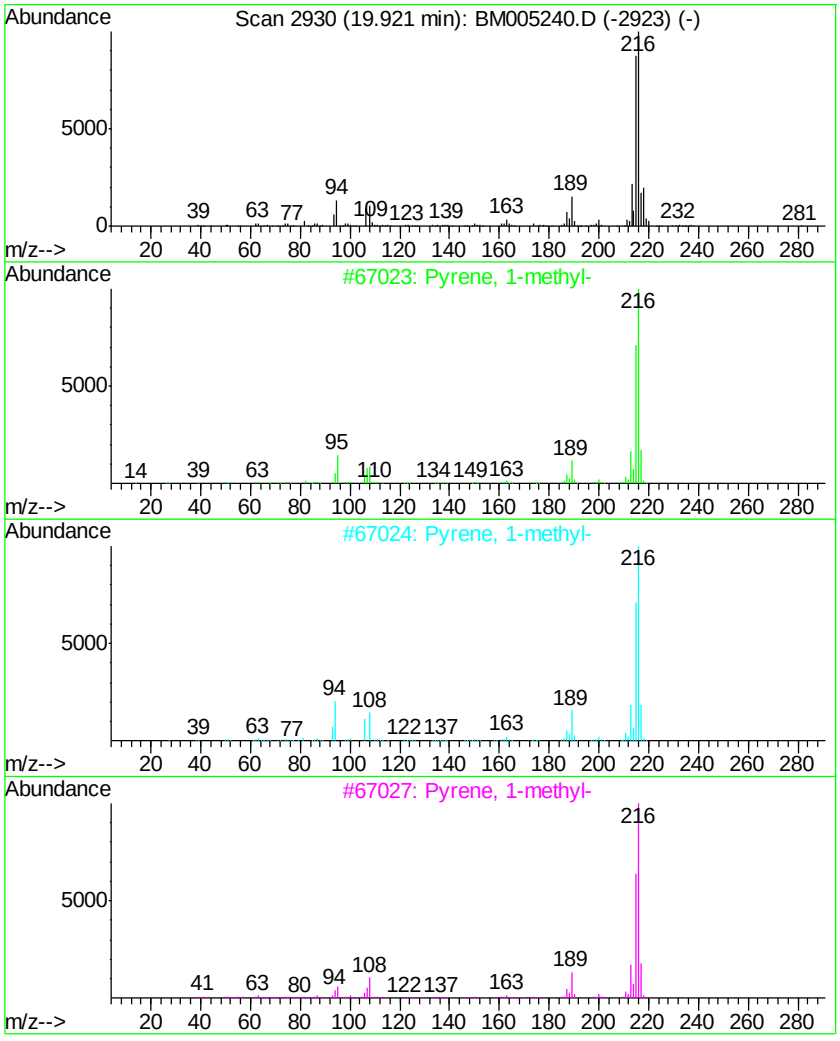
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

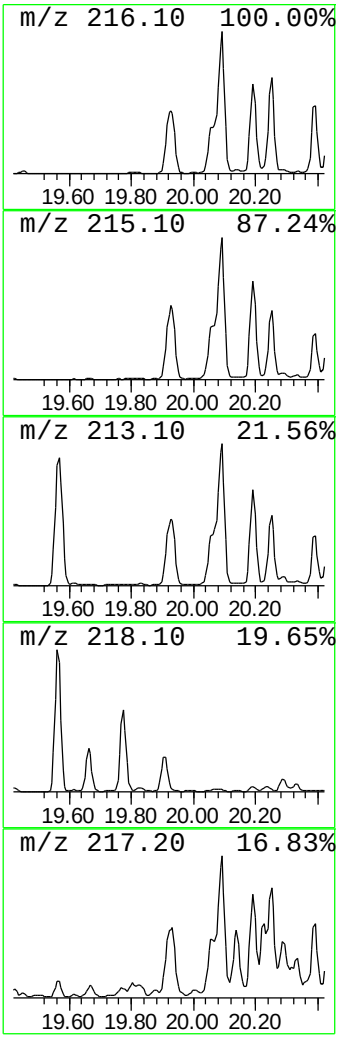
****

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.00 ng/ul	1104980	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

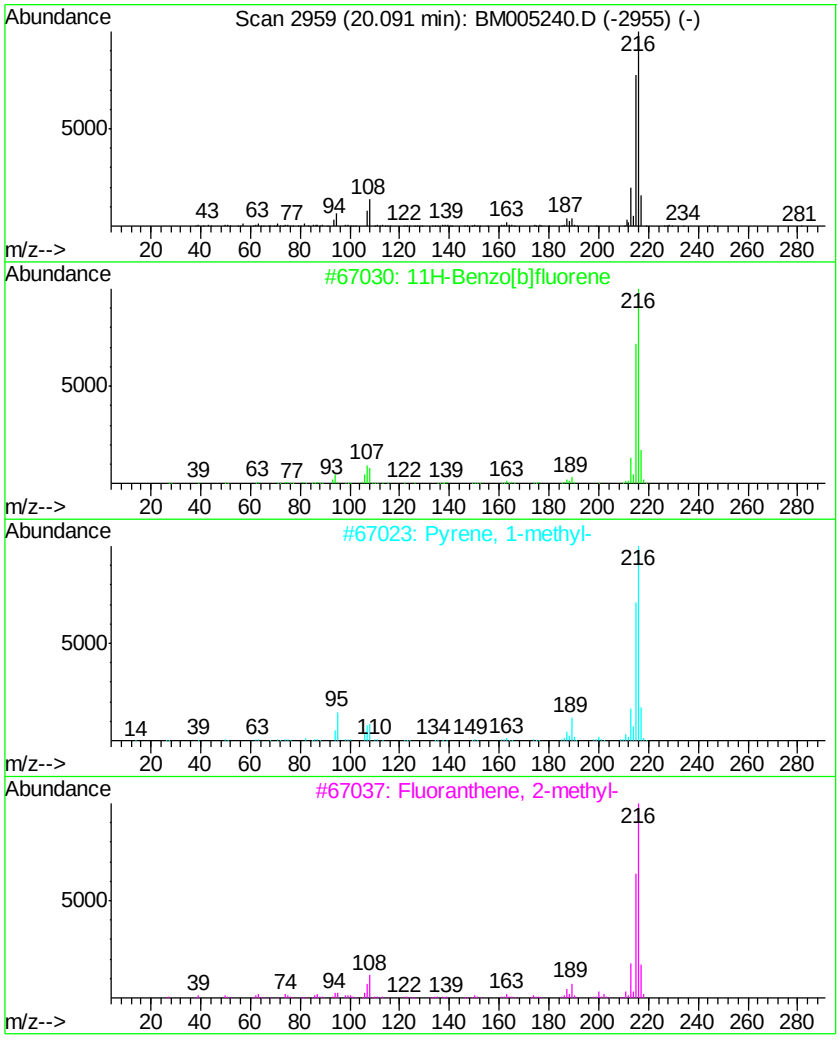
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

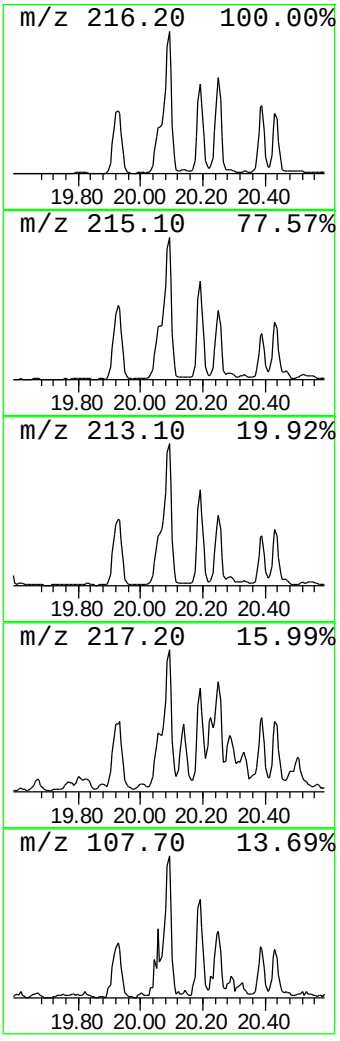
****

Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.14 ng/ul	1157100	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

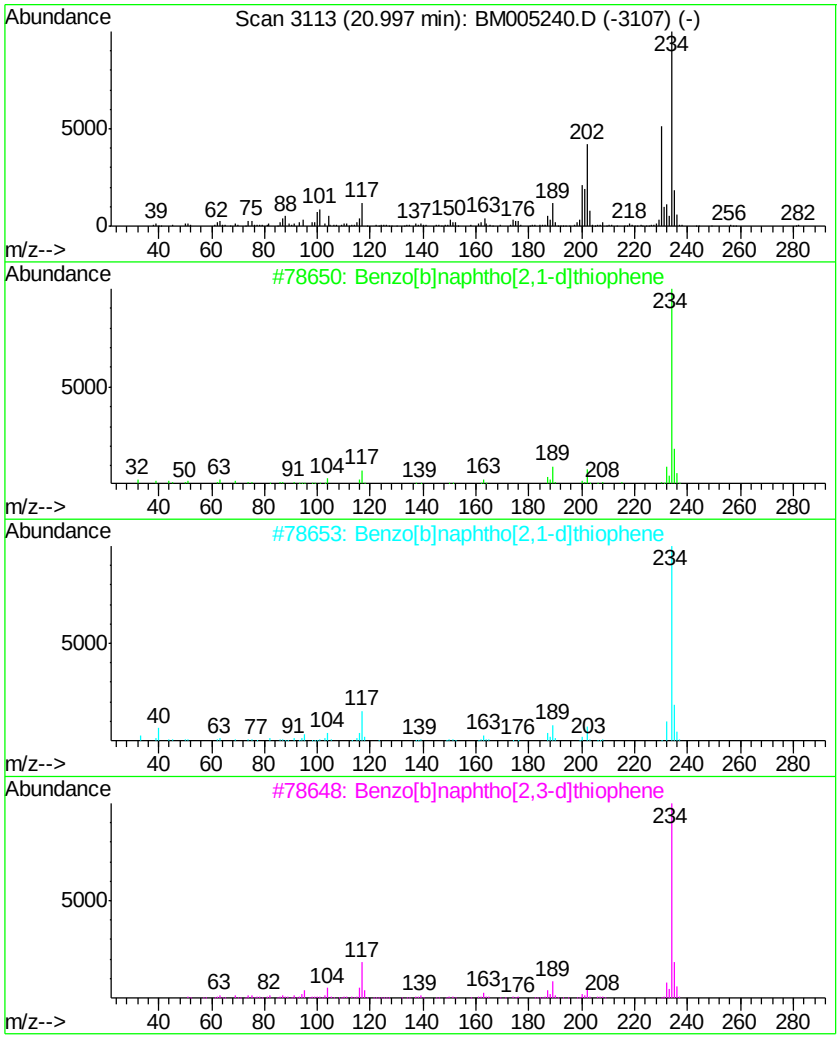
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

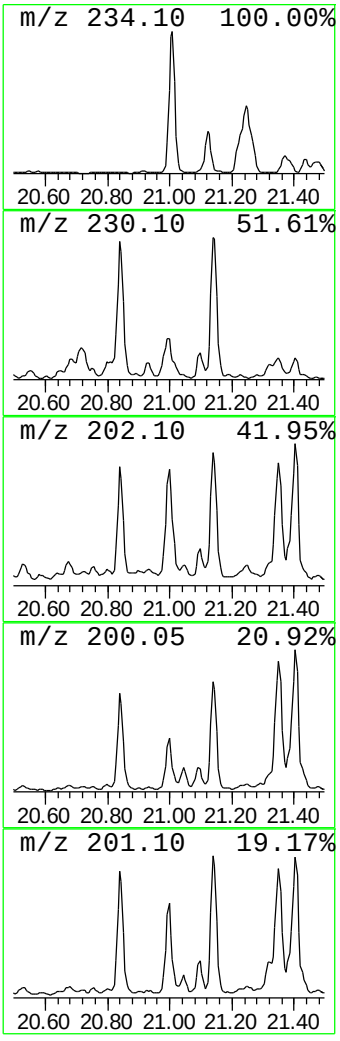
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.44 ng/ul	900411	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

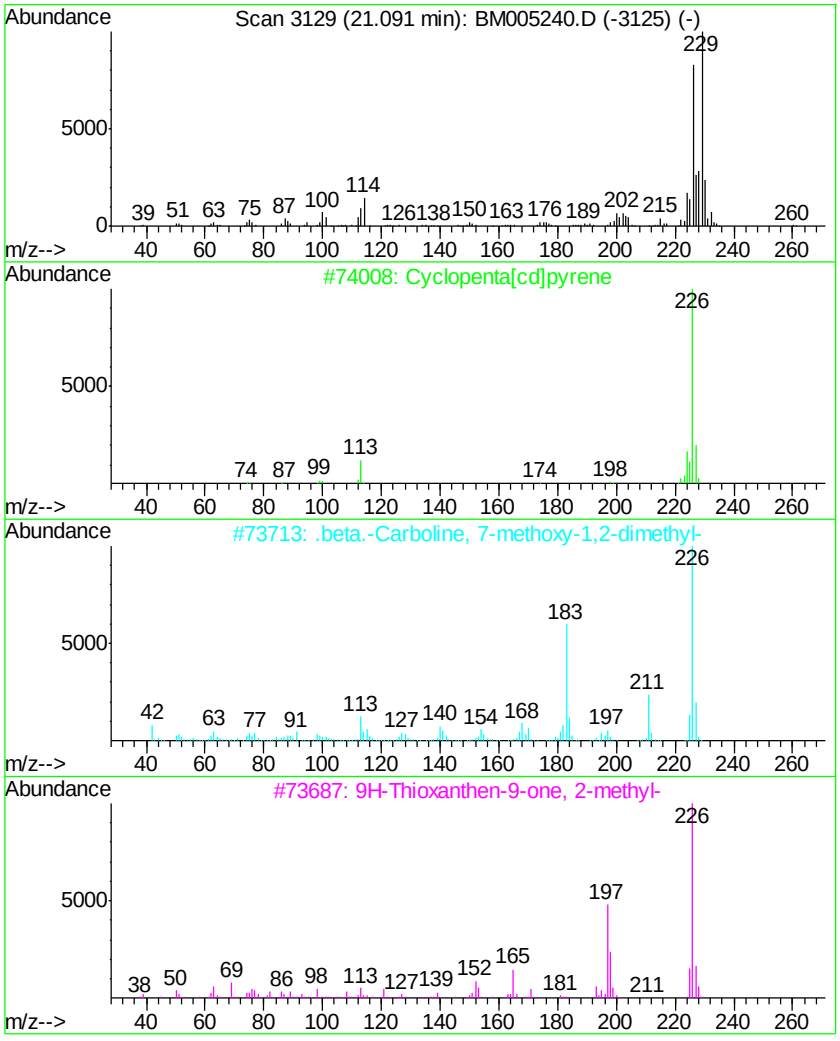
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

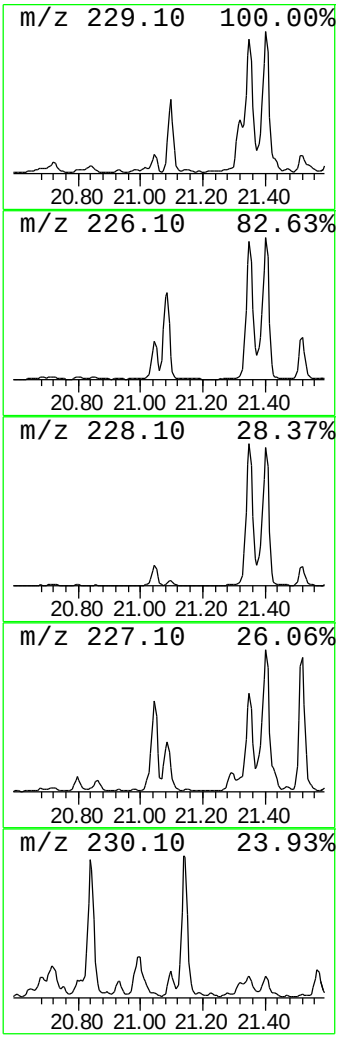
****

Peak Number 25 Cyclopenta[cd]pyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.95 ng/ul	1088210	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	40
5	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

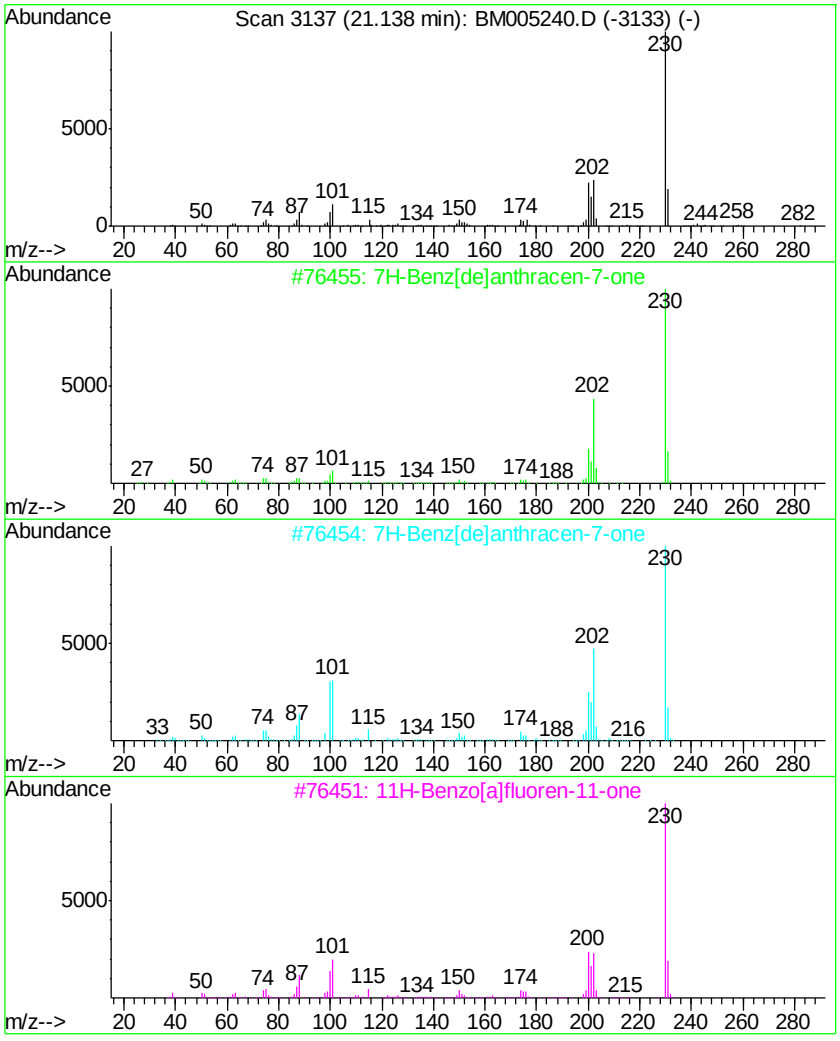
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

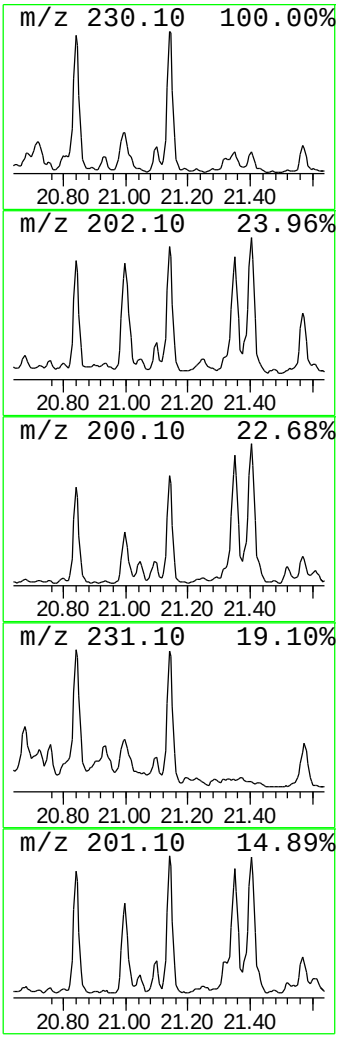
****

Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.50 ng/ul	918942	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

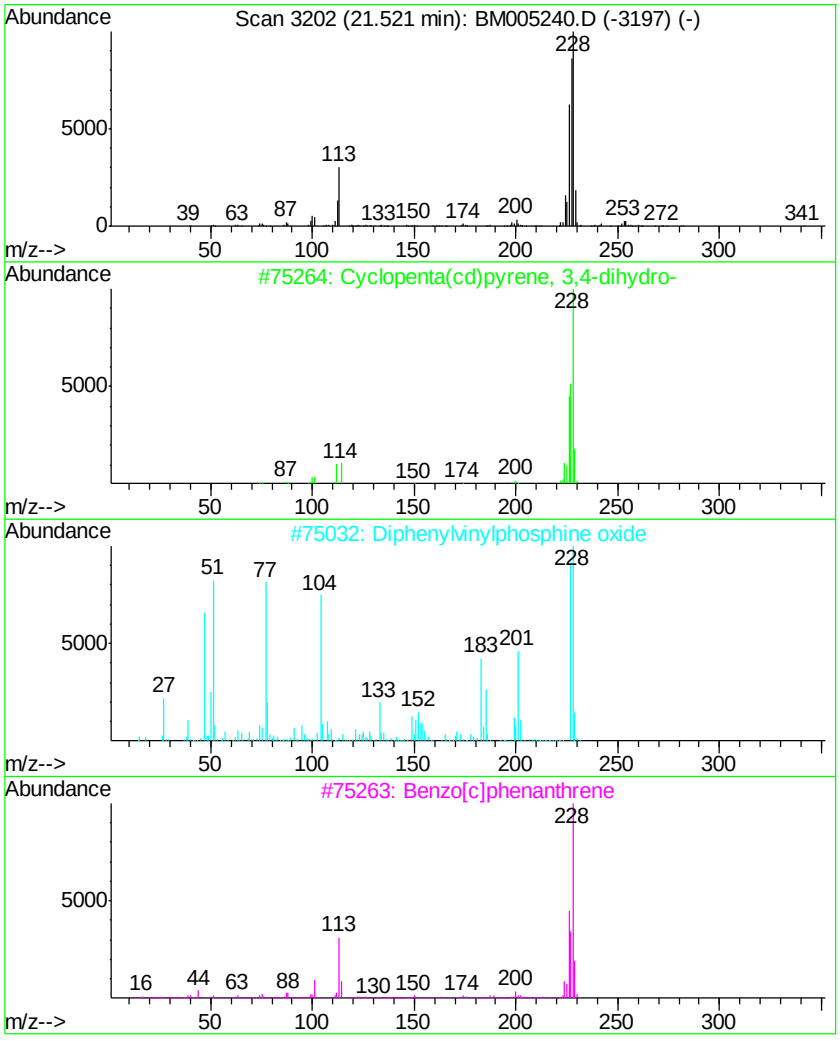
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

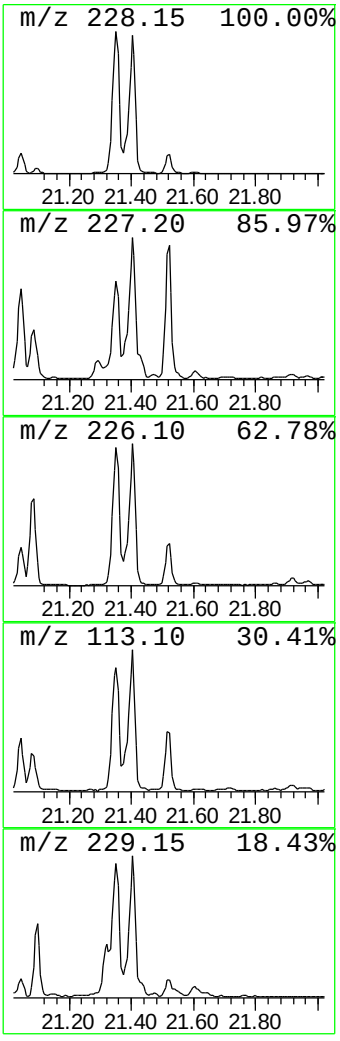
****

Peak Number 27 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.44 ng/ul	898454	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

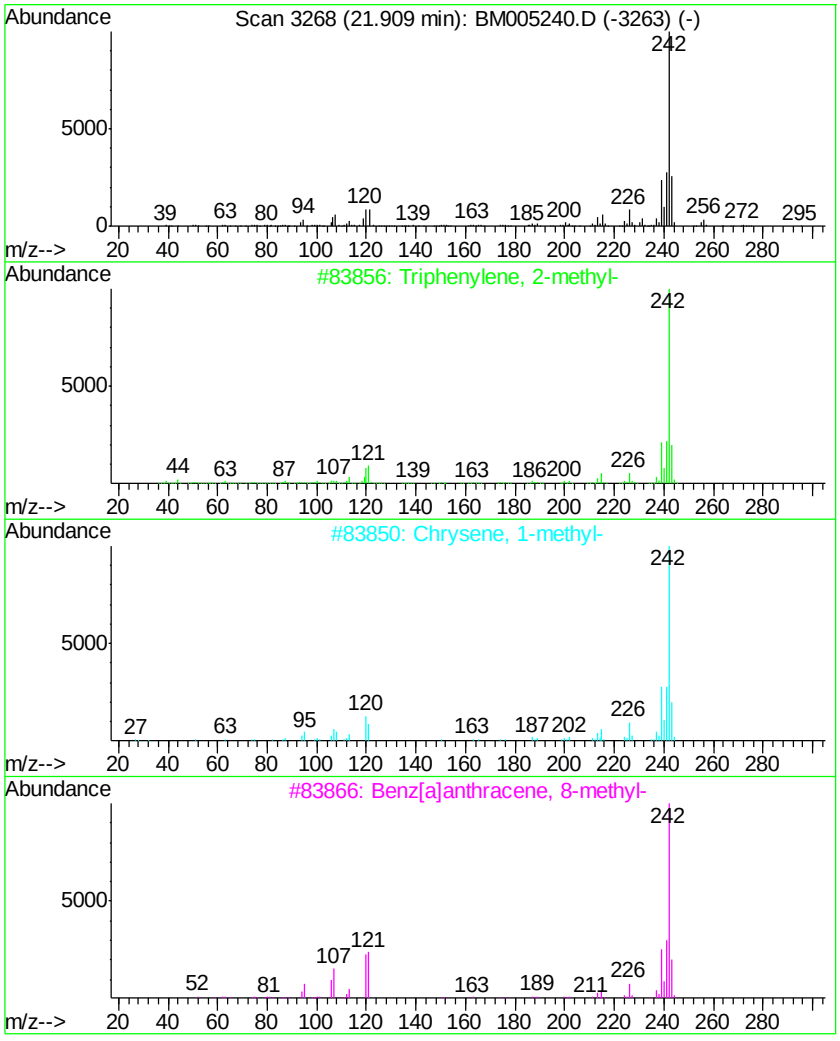
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

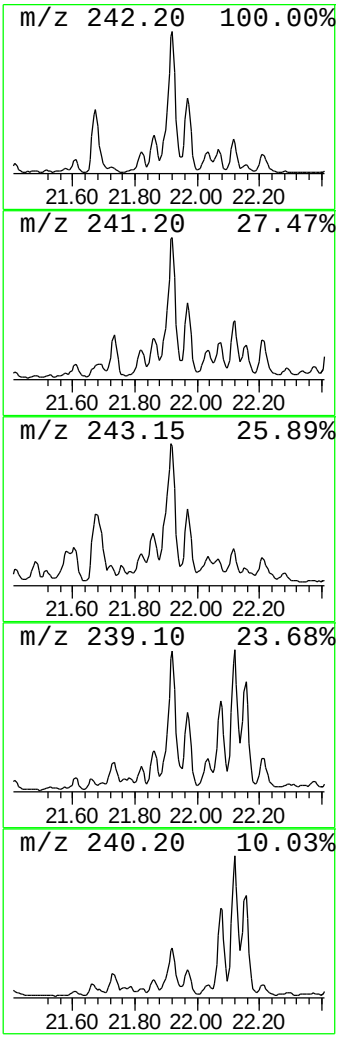
****

Peak Number 28 Triphenylene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	2.37 ng/ul	873213	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	99
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

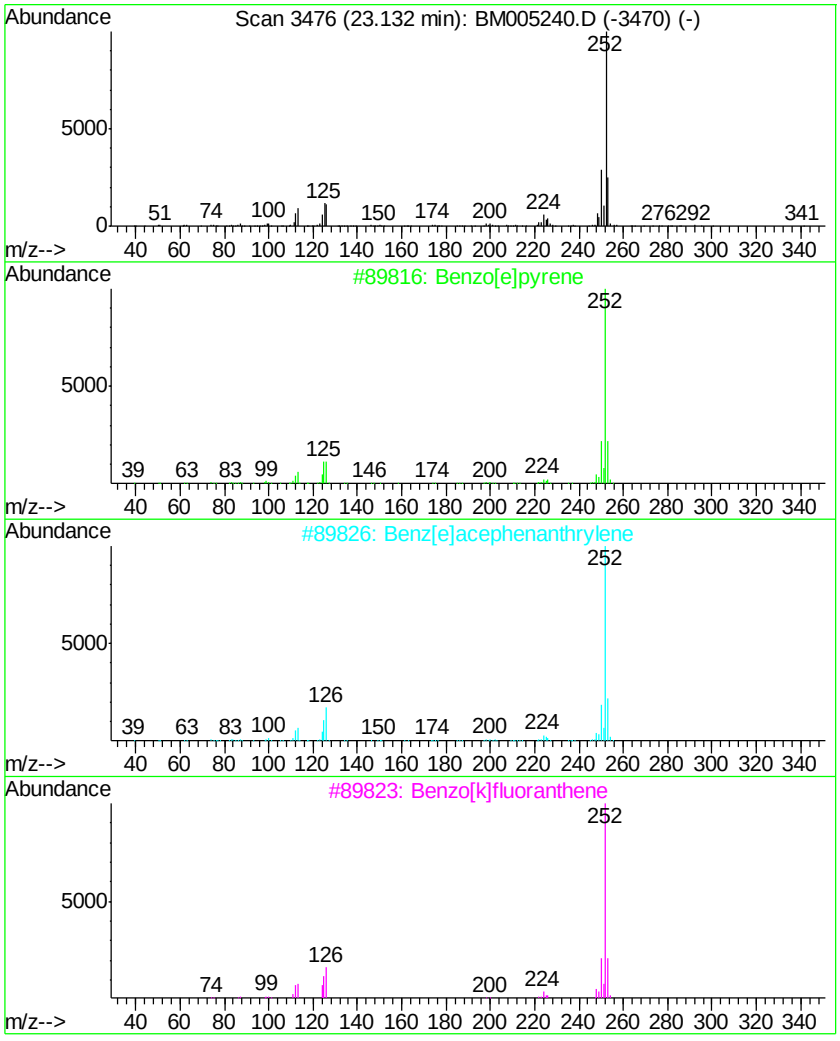
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

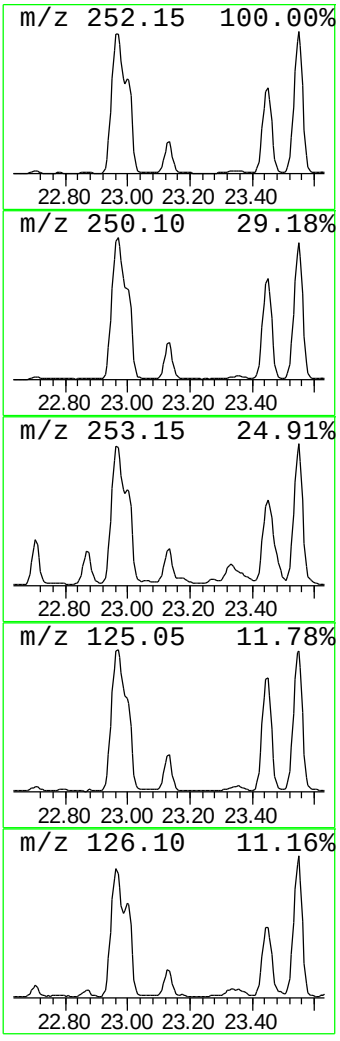
****

Peak Number 30 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	7.75 ng/ul	710763	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

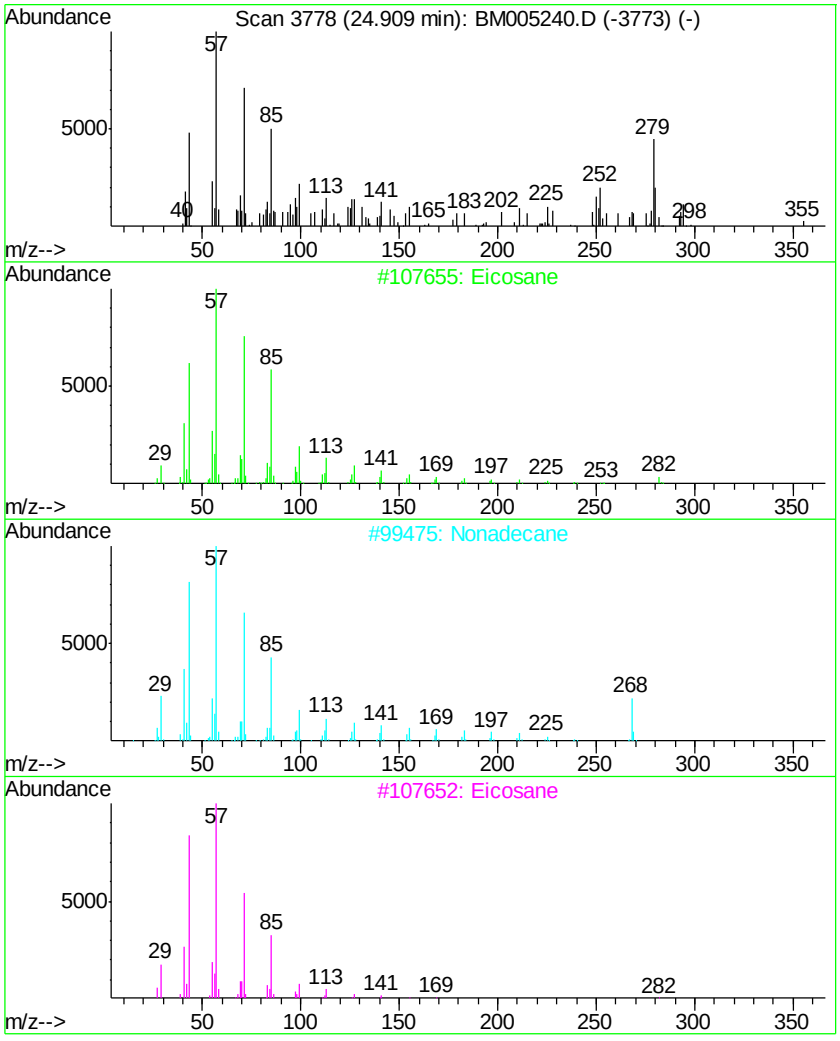
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

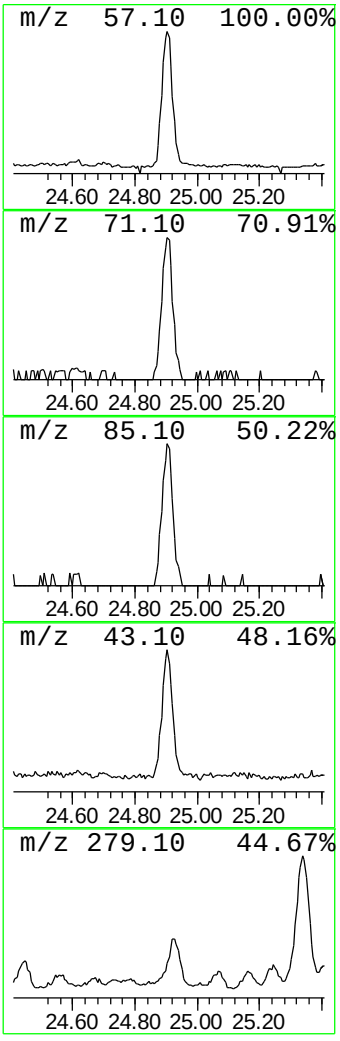
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	2.28 ng/ul	208707	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Nonadecane	268	C19H40	000629-92-5	46
3	Eicosane	282	C20H42	000112-95-8	42
4	Nonadecane	268	C19H40	000629-92-5	42
5	Eicosane	282	C20H42	000112-95-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
[1,1'-Biphenyl]-4...	15.76	3.7	ng/ul	263966	3	14.42	1426070	20.0
9H-Fluorene, 2-me...	16.47	3.8	ng/ul	343468	4	17.17	1801860	20.0
unknown-01	16.70	2.5	ng/ul	222503	4	17.17	1801860	20.0
9H-Fluoren-9-one	16.82	2.5	ng/ul	221148	4	17.17	1801860	20.0
Dibenzothiophene	16.99	5.3	ng/ul	479414	4	17.17	1801860	20.0
Dibenzo[a,e]cyclo...	17.69	2.6	ng/ul	230526	4	17.17	1801860	20.0
Phenanthrene, 2-m...	18.04	11.1	ng/ul	1002900	4	17.17	1801860	20.0
1H-Cyclopropa[l]p...	18.17	6.2	ng/ul	559703	4	17.17	1801860	20.0
4H-Cyclopenta[def...	18.24	20.7	ng/ul	1863400	4	17.17	1801860	20.0
Phenanthrene, 4-m...	18.27	5.6	ng/ul	501299	4	17.17	1801860	20.0
2-Phenylnaphthalene	18.54	8.5	ng/ul	763693	4	17.17	1801860	20.0
9,10-Anthracenedione	18.59	4.4	ng/ul	394881	4	17.17	1801860	20.0
Anthracene, 2-ethyl-	18.79	2.9	ng/ul	259075	4	17.17	1801860	20.0
Phenanthrene, 2,5...	18.96	8.3	ng/ul	750454	4	17.17	1801860	20.0
9,10-Bis(bromomet...	19.03	4.5	ng/ul	404898	4	17.17	1801860	20.0
Cyclopenta(def)ph...	19.11	6.0	ng/ul	540720	4	17.17	1801860	20.0
Benzo[b]naphtho[2...	19.77	2.3	ng/ul	851201	5	21.37	7366060	20.0
Pyrene, 1-methyl-	19.92	3.0	ng/ul	1104980	5	21.37	7366060	20.0
11H-Benzo[b]fluorene	20.09	3.1	ng/ul	1157100	5	21.37	7366060	20.0
Benzo[b]naphtho[2...	21.00	2.4	ng/ul	900411	5	21.37	7366060	20.0
Cyclopenta[cd]pyrene	21.09	3.0	ng/ul	1088210	5	21.37	7366060	20.0
7H-Benz[de]anthra...	21.14	2.5	ng/ul	918942	5	21.37	7366060	20.0
Cyclopenta(cd)pyr...	21.52	2.4	ng/ul	898454	5	21.37	7366060	20.0
Triphenylene, 2-m...	21.91	2.4	ng/ul	873213	5	21.37	7366060	20.0
Benzo[e]pyrene	23.13	7.8	ng/ul	710763	6	23.64	1834260	20.0
(DEL) Alkane: Str...	24.91	2.3	ng/ul	208707	6	23.64	1834260	20.0